

**2020**

# **MISSOURI MORTGAGE GUARANTY INSURANCE REPORT**

MISSOURI DEPARTMENT OF COMMERCE & INSURANCE

STATISTIC SECTION  
JULY 2021



**DCI**

Missouri Department of Commerce & Insurance



***Also Available from DCI***

**Reports:** The following reports are also available:

- *Missouri Market Share Report*
- *Missouri Real Estate Malpractice (Closed Claim Report)*
- *Missouri Legal Malpractice (Closed Claim Report)*
- *Missouri Products Liability (Closed Claim Report)*
- *Missouri Medical Malpractice Insurance Report*
- *Missouri Life, Accident & Health Supplement Report*
- *Missouri Property and Casualty Supplement Report*
- *Missouri Commercial Liability Report*
- *Missouri Mortgage Guaranty Report*
- *Missouri Uninsured Automobile Report*
- *Medicare Supplement Experience Data*
- *Property and Casualty Supplement Data*
- *Missouri Zip Code data for homeowners/ dwelling fire, farmowners (dwelling only, mobile home, earthquake, and private passenger automobile insurance.*

**Databases:** *for data requests, contact the Statistics Section at 573-751-3163. Some data are available for a fee.*

Many reports are available at no cost on the DCI website, at <http://insurance.mo.gov/reports/>. For paper copies, inquire with the Statistics Section at the above 573-751-3163.

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## DEFINITIONS

**Premium earned** - The amount of premium associated with coverage in effect during a year. For example, if a one year policy has been in effect 6 months, half of the total premium has been earned.

**Losses paid** - The amount paid in losses for claims that have been filed.

**Change in outstanding reserve** - The outstanding reserve is an amount representing actual or potential liabilities kept by an insurer to cover claims reported but not yet paid. The amount reported is the increase or change from last year's reserve amount compared to this year.

**Change in IBNR reserve** - IBNR (incurred but not yet reported) reserve is a reserve set up to pay for losses that have already occurred, but have not yet been reported to the insurer. The IBNR reserve is estimated based on actuarial projections. The amount reported is the change from the prior year's reserve.

**Change in contingency reserve** – Due to the possibility of catastrophic losses, mortgage guaranty insurers are required by law to maintain a contingency reserve. The reserve is equal to 50 percent of premium, and must be retained for 10 years unless used to cover losses exceeding 35 percent of premium. The amount reported is the change from the prior year's reserve.

**True loss ratio** – The true loss ratio is the ratio of incurred losses to premium. Incurred losses equal the amount paid in losses in a given year plus changes in loss reserves.

$$(\text{Losses Paid} + \text{Change in Outstanding Reserve} + \text{Change in IBNR Reserve}) / \text{Premium Earned}.$$

**Loaded loss ratio** – The loaded loss ratio adjusts the true loss ratio to reflect changes in the statutorily required contingency reserves. It is equal to

$$(\text{Losses Paid} + \text{Change in Outstanding Reserve} + \text{Change in IBNR Reserve} + \text{Change in Contingency Reserve}) / \text{Premium Earned}.$$



# SUMMARY

## Background

Residential mortgage guaranty insurance provides protection to lenders against default by borrowers who initially have less than 20 percent equity interest in the mortgaged property. This form of insurance is designed to stimulate home ownership by giving consumers with lower down payments access to credit markets. Generally, lenders require mortgage guaranty insurance for loans exceeding 80 percent of the value of a home.

The mortgage guaranty insurance market is sensitive to general macroeconomic conditions associated with loan defaults, such as interest rates and rates of unemployment. During periods of significant economic contraction in the finance or housing sectors, insurers may be subject to catastrophic losses. Indeed, the entire industry was decimated in the 1930s, and the private market for mortgage insurance did not recover until the mid-1950s.

Due to their exposure to catastrophic risk, mortgage guaranty insurers have been subject to regulatory and capital requirements atypical for most other lines of business.

1. **Monoline Requirement:** To ensure that reserves are adequate, mortgage guaranty insurers are prohibited from selling other kinds of insurance. Reserves are dedicated solely to covering default losses and are not subject to depletion by losses in other lines.

2. **Capital Requirements:** All insurers are required to maintain reserve capital to cover claims. Generally, reserve amounts are established on pending claims and set by actuaries using statistical techniques to project future loss trends. In addition to such reserves, mortgage guaranty insurers are required by law to maintain a *contingency reserve* equal to 50 percent of premium. Due to the long-term nature of the risk assumed (i.e. some portion of the life of a

mortgage), the contingency reserve must be held for 10 years unless it is used to cover losses exceeding 35 percent of premium in a given year. See definitions page for a discussion of the different types of reserves.

## **Data Issues**

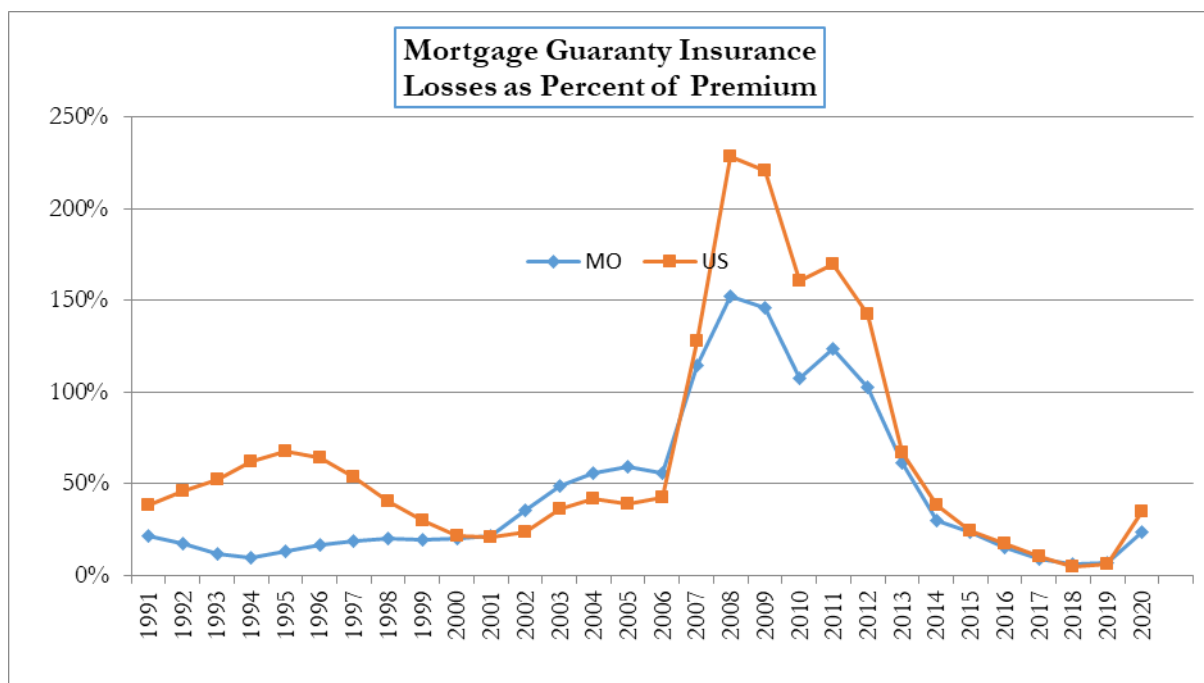
Reserves are typically recorded as a liability on insurers' financial annual statements. However, depending on a carrier's state of domicile, changes in the contingency reserve may or may not be recorded as a loss in a given year. Thus, standard measures of market performance, such as loss ratios, may be somewhat misleading when derived from the annual statements, in-as-much as these measures combine dissimilar data. For this reason, the Missouri Department of Commerce & Insurance (DCI) collects mortgage guaranty data in a way in which different reserve types are tracked separately so that loss data may be structured in a consistent manner across all companies. Therefore, data presented in this report may vary somewhat from data obtained from the annual statements.

## **Current Trends**

The mortgage guaranty market has grown very significantly since the early 1980s. Between 1991 and 2020 earned premium in Missouri increased by 517 percent, from \$17.3 million to \$106.8 million. This growth was in part fueled by declining interest rates, federal programs designed to increase homeownership, an increase in the size and price of homes, greater willingness to finance buyers with lower down payments, and simple population growth.



In 2010, mortgage guaranty insurers experienced their highest losses in Missouri in over 30 years, and losses remained high through 2012. In Missouri between 1991 and 2001, insurers in no year incurred losses exceeding 30 percent of premium. In 2019, losses equaled 6.5 percent of premium, increasing to 23.3 percent in 2020. Missouri had a lower level of losses than was experienced nationally. For the US as a whole among these same insurers, losses equaled 6 percent in 2019 and 34.9 percent of premium in 2020.



Losses were partially covered by drawing down contingency reserves (see discussion above). In Missouri, insurers incurred \$24.9 million in losses, and increased contingency reserves of \$37 million. The year 2012 was the fourth time since 1988 that overall contingency reserves were drawn down to cover losses.

Losses measured without regard to the contingency reserve is call the “true loss ratio” in this report, and is the standard measure of loss used for other lines of business. In addition, a

“loaded loss ratio” reflects changes in the contingency reserve (see definitions page).

This report was compiled using information submitted by the insurance companies. While every effort is made to ensure accurate data, the accuracy of this report is dependent upon each company’s data. The charts and graphs in Section I utilize data submitted by all mortgage guaranty insurers writing in Missouri for 1991 through 2020. Section II is based on companies actively writing in Missouri for calendar year 2020. Section III ranks mortgage guaranty insurers on their 2020 data by premium earned.

Any questions regarding this report should be directed to the Statistics Section, Missouri Department of Commerce & Insurance, P.O. Box 690, Jefferson City, Missouri 65102-0690. Also, additional copies of this report can be received by sending a written request, with payment of \$35 per copy, to this same address.

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**SECTION I**

**AGGREGATE EXPERIENCE**

**1991-2020**



# Residential Mortgage Guaranty Business In Missouri For Years 1991-2020

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$17,313,505	\$4,583,789	-\$912,136	\$76,176	\$7,981,949	67.75%	21.65%
1992	\$19,603,317	\$3,844,229	-\$599,183	\$118,800	\$9,087,738	63.52%	17.16%
1993	\$22,668,797	\$2,970,954	-\$221,589	-\$71,285	\$9,796,529	55.03%	11.81%
1994	\$26,287,904	\$2,242,214	\$176,400	\$139,980	\$8,401,239	41.69%	9.73%
1995	\$32,881,982	\$1,914,572	\$1,671,288	\$778,507	\$16,110,879	62.27%	13.27%
1996	\$39,485,701	\$2,543,313	\$3,228,131	\$678,073	\$16,804,043	58.89%	16.33%
1997	\$44,636,752	\$4,461,227	\$3,192,189	\$819,000	\$9,397,276	40.03%	18.98%
1998	\$47,197,904	\$4,435,194	\$3,931,715	\$956,181	\$16,607,379	54.94%	19.75%
1999	\$50,701,381	\$5,584,544	\$2,632,857	\$1,539,071	\$21,761,715	62.16%	19.24%
2000	\$58,678,174	\$5,734,203	\$4,428,546	\$1,680,390	\$28,200,913	68.24%	20.18%
2001	\$64,081,638	\$8,399,925	\$5,184,669	\$15,273	\$32,856,629	72.50%	21.22%
2002	\$72,806,617	\$15,778,345	\$8,211,430	\$1,901,271	\$44,517,343	96.71%	35.56%
2003	\$79,148,953	\$27,405,419	\$10,548,762	\$522,219	\$43,270,061	103.28%	48.61%
2004	\$86,313,621	\$35,910,999	\$9,561,066	\$2,419,699	\$50,545,922	114.05%	55.49%
2005	\$90,607,938	\$39,726,566	\$11,791,364	\$2,312,853	\$70,066,589	136.74%	59.41%
2006	\$95,921,236	\$44,682,675	\$6,756,996	\$2,146,507	\$70,001,794	128.84%	55.86%
2007	\$104,265,196	\$54,703,147	\$51,565,933	\$12,991,510	\$1,295,425	115.62%	114.38%
2008	\$113,640,286	\$80,367,901	\$76,797,779	\$15,884,366	-\$29,132,258	126.64%	152.28%
2009	\$104,335,510	\$89,231,495	\$57,000,995	\$5,733,326	-\$67,221,149	81.22%	145.65%
2010	\$92,184,015	\$146,078,560	-\$39,666,216	-\$7,130,194	-\$54,552,087	48.52%	107.70%
2011	\$72,060,160	\$122,845,414	-\$27,583,302	-\$6,271,757	\$2,981,770	127.63%	123.49%
2012	\$69,989,348	\$93,525,094	-\$20,224,908	-\$1,728,088	-\$7,700,208	91.26%	102.26%
2013	\$70,777,206	\$68,507,172	-\$18,966,660	-\$6,305,439	\$7,712,167	71.98%	61.09%
2014	\$68,324,962	\$40,915,643	-\$14,996,836	-\$5,576,391	\$19,670,767	58.56%	29.77%
2015	\$75,582,948	\$30,892,609	-\$9,575,190	-\$3,582,333	\$24,274,800	55.58%	23.46%
2016	\$82,772,691	\$23,565,960	-\$8,848,158	-\$1,900,982	\$24,776,761	45.42%	15.48%
2017	\$82,845,191	\$17,158,527	-\$9,013,100	-\$970,318	\$22,974,400	36.39%	8.66%
2018	\$89,481,971	\$10,622,396	-\$4,116,619	-\$1,338,235	\$27,566,013	36.58%	5.77%
2019	\$99,837,431	\$7,341,388	-\$1,231,104	\$384,933	\$31,677,060	38.23%	6.51%
2020	\$106,789,127	\$4,931,723	\$15,614,406	\$4,324,569	\$36,828,778	57.78%	23.29%
TOTAL	\$2,081,221,462	\$1,000,905,197	\$116,339,525	\$20,547,682	\$496,560,237	78.53%	54.67%

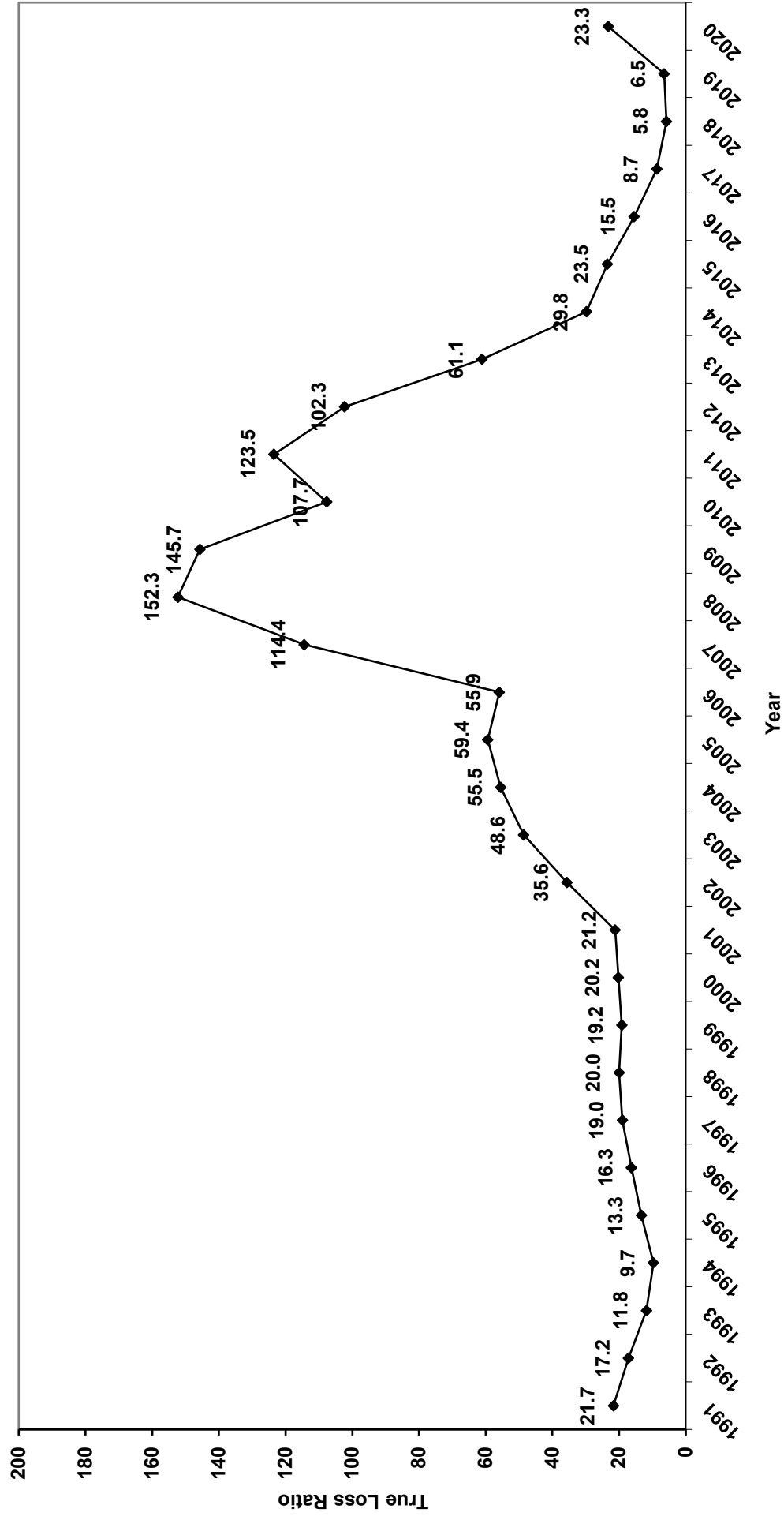
# Residential Mortgage Guaranty Business Countrywide For Years 1991-2020

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$983,968,709	\$358,143,044	-\$13,846,529	\$31,765,735	\$323,738,407	71.12%	38.22%
1992	\$1,208,418,799	\$404,811,994	\$108,055,851	\$38,632,093	\$354,049,630	74.94%	45.64%
1993	\$1,530,389,026	\$589,465,524	\$203,613,822	\$2,864,586	\$655,459,630	94.84%	52.01%
1994	\$1,798,472,507	\$809,914,702	\$258,148,957	\$46,043,779	\$380,874,574	83.13%	61.95%
1995	\$2,139,517,743	\$853,481,296	\$516,689,130	\$70,310,432	\$1,106,542,462	119.05%	67.33%
1996	\$2,564,194,871	\$1,001,254,919	\$549,040,219	\$88,690,989	\$1,054,527,128	105.04%	63.92%
1997	\$2,863,293,210	\$1,069,908,650	\$378,411,598	\$88,383,453	\$1,273,679,653	98.15%	53.67%
1998	\$3,100,811,442	\$826,054,280	\$343,675,455	\$77,266,606	\$1,600,596,347	91.83%	40.22%
1999	\$3,288,550,932	\$573,042,393	\$254,241,597	\$150,950,140	\$1,954,910,805	89.19%	29.75%
2000	\$3,672,818,698	\$500,719,704	\$226,307,577	\$66,676,390	\$2,235,102,977	82.47%	21.61%
2001	\$4,098,511,449	\$484,052,660	\$362,516,849	\$3,319,527	\$2,458,498,754	80.72%	20.74%
2002	\$4,541,371,778	\$699,407,169	\$302,090,043	\$73,077,957	\$2,897,709,026	87.47%	23.66%
2003	\$4,836,333,972	\$1,131,530,363	\$582,222,622	\$32,231,152	\$3,014,530,865	98.43%	36.10%
2004	\$4,952,894,186	\$1,466,997,871	\$460,392,288	\$147,392,515	\$2,994,417,093	102.35%	41.89%
2005	\$5,032,358,967	\$1,557,869,885	\$372,197,828	\$25,030,977	\$3,765,770,741	113.68%	38.85%
2006	\$5,268,365,206	\$1,638,007,455	\$448,851,054	\$144,114,156	\$3,496,704,753	108.72%	42.35%
2007	\$5,808,298,052	\$2,302,808,104	\$4,159,049,392	\$965,056,385	\$121,458,387	129.96%	127.87%
2008	\$6,329,873,951	\$4,601,001,664	\$7,992,325,863	\$1,880,478,394	-\$2,466,094,010	189.70%	228.66%
2009	\$5,597,402,067	\$6,777,454,694	\$5,130,932,845	\$463,712,371	-\$3,996,315,151	149.64%	221.03%
2010	\$4,875,021,394	\$10,533,535,676	-\$2,241,570,511	-\$473,330,172	-\$2,265,069,430	113.92%	160.38%
2011	\$3,910,574,592	\$8,674,492,073	-\$1,759,174,452	-\$276,682,112	-\$6,311,918	169.60%	169.76%
2012	\$3,585,577,037	\$6,910,677,805	-\$1,635,942,593	-\$159,621,873	-\$326,532,748	133.55%	142.66%
2013	\$3,679,290,845	\$5,541,525,096	-\$2,411,389,346	-\$662,441,274	\$347,668,121	76.52%	67.07%
2014	\$3,637,630,317	\$3,196,904,863	-\$1,245,926,444	-\$565,300,589	\$1,228,319,808	71.86%	38.09%
2015	\$4,024,058,057	\$2,573,828,122	-\$1,101,407,179	-\$486,543,028	\$1,752,815,273	68.06%	24.50%
2016	\$4,410,626,476	\$1,809,661,253	-\$763,565,467	-\$271,764,277	\$1,839,474,657	59.26%	17.56%
2017	\$4,640,545,455	\$1,445,392,633	-\$743,068,866	-\$226,331,478	\$2,519,502,331	64.55%	10.26%
2018	\$5,083,868,607	\$912,192,193	-\$538,952,930	-\$124,259,239	\$2,100,983,639	46.22%	4.90%
2019	\$5,761,747,351	\$599,556,838	-\$252,112,144	-\$3,586,691	\$2,447,703,440	48.45%	5.97%
2020	\$6,173,952,163	\$335,732,382	\$1,327,615,958	\$488,283,812	\$2,667,867,462	78.06%	34.85%
TOTAL	\$119,398,737,859	\$70,179,425,305	\$11,269,422,487	\$1,634,420,716	\$35,532,582,706	99.34%	69.58%



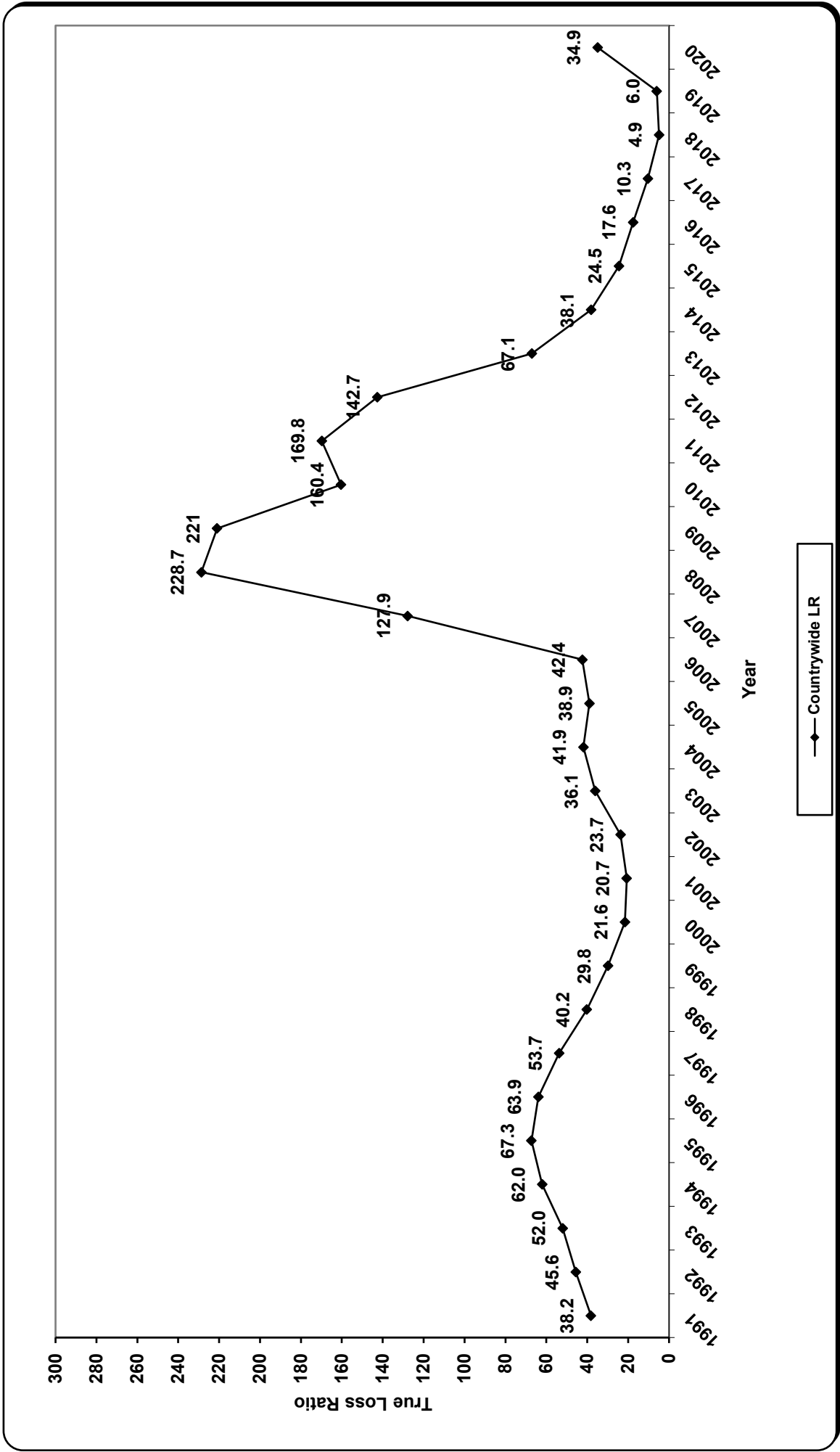
# LOSS RATIO OF MISSOURI RESIDENTIAL MORTGAGE GUARANTY BUSINESS

1991-2020

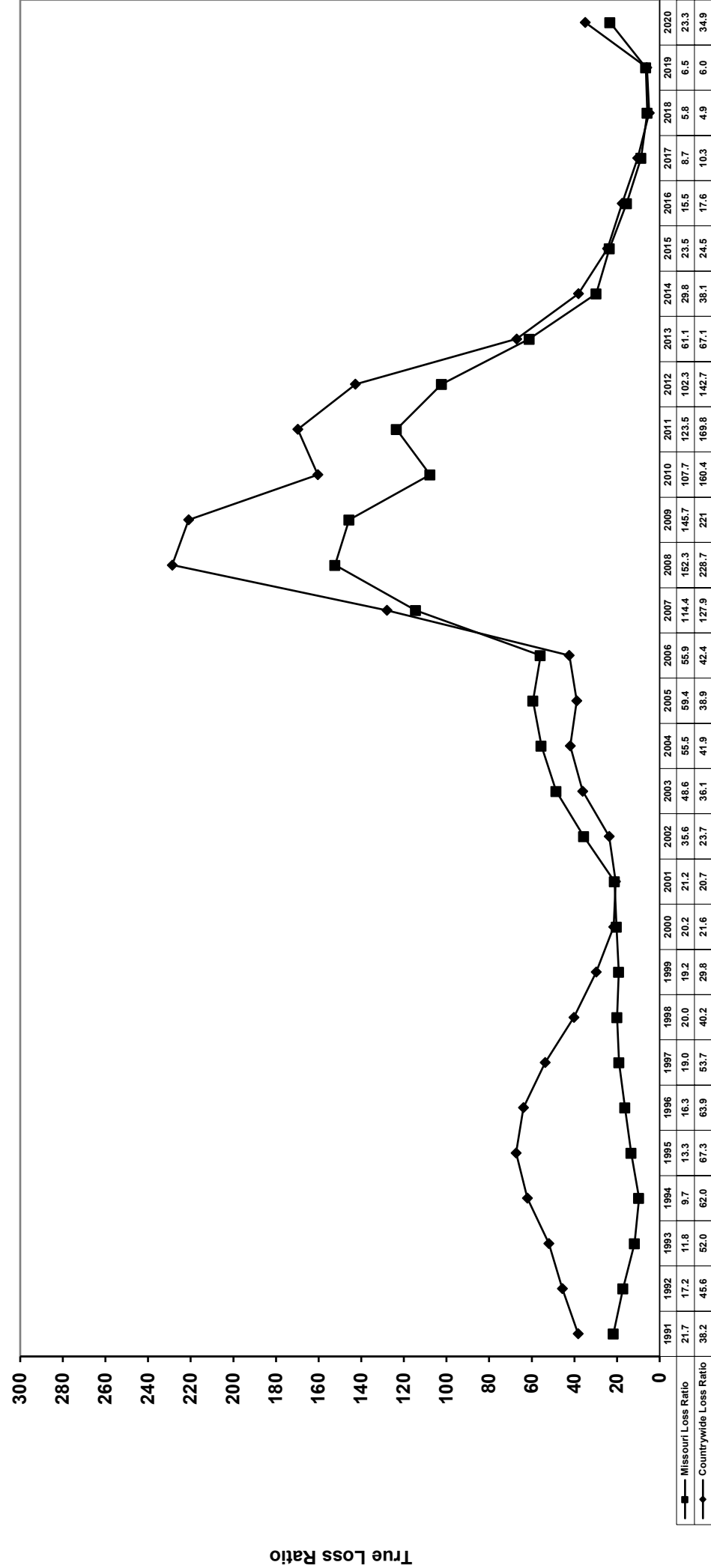


LOSS RATIO OF COUNTRYWIDE RESIDENTIAL MORTGAGE GUARANTY BUSINESS

1991-2020



# INSURERS WRITING RESIDENTIAL MORTGAGE GUARANTY BUSINESS IN MISSOURI Missouri (MO) vs. Countrywide (CW) Experience 1991-2020





**SECTION II**

**RESIDENTIAL  
MORTGAGE GUARANTY  
EXPERIENCE  
BY COMPANY**



# Arch Mortgage Assurance Company

## Missouri Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$50	\$0	\$0	\$0	\$0	0.00%	0.00%
1992	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1993	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1994	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1995	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1996	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1997	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1998	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1999	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2000	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2001	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2002	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2003	\$73	\$0	\$0	\$0	\$93	127.40%	0.00%
2004	\$1,072	\$0	\$154	\$28	\$1,129	119.68%	14.37%
2005	\$98	\$0	\$0	\$0	\$20	48.98%	28.57%
2006	\$523	\$0	\$0	\$202	\$769	185.66%	38.62%
2007	\$1,168	\$0	\$0	\$882	\$1,872	235.79%	75.51%
2008	\$988	\$0	\$0	\$0	\$1,675	169.53%	0.00%
2009	\$1,078	\$0	\$0	\$0	-\$118	-10.95%	0.00%
2010	\$1,820	\$0	\$0	\$0	-\$1,557	-85.55%	0.00%
2011	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2012	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2013	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2014	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2015	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2016	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2017	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2018	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2019	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2020	\$0	\$0	\$0	\$0	\$0	N/A	N/A
TOTAL	\$6,870	\$0	\$0	\$1,266	\$3,883	74.95%	18.43%

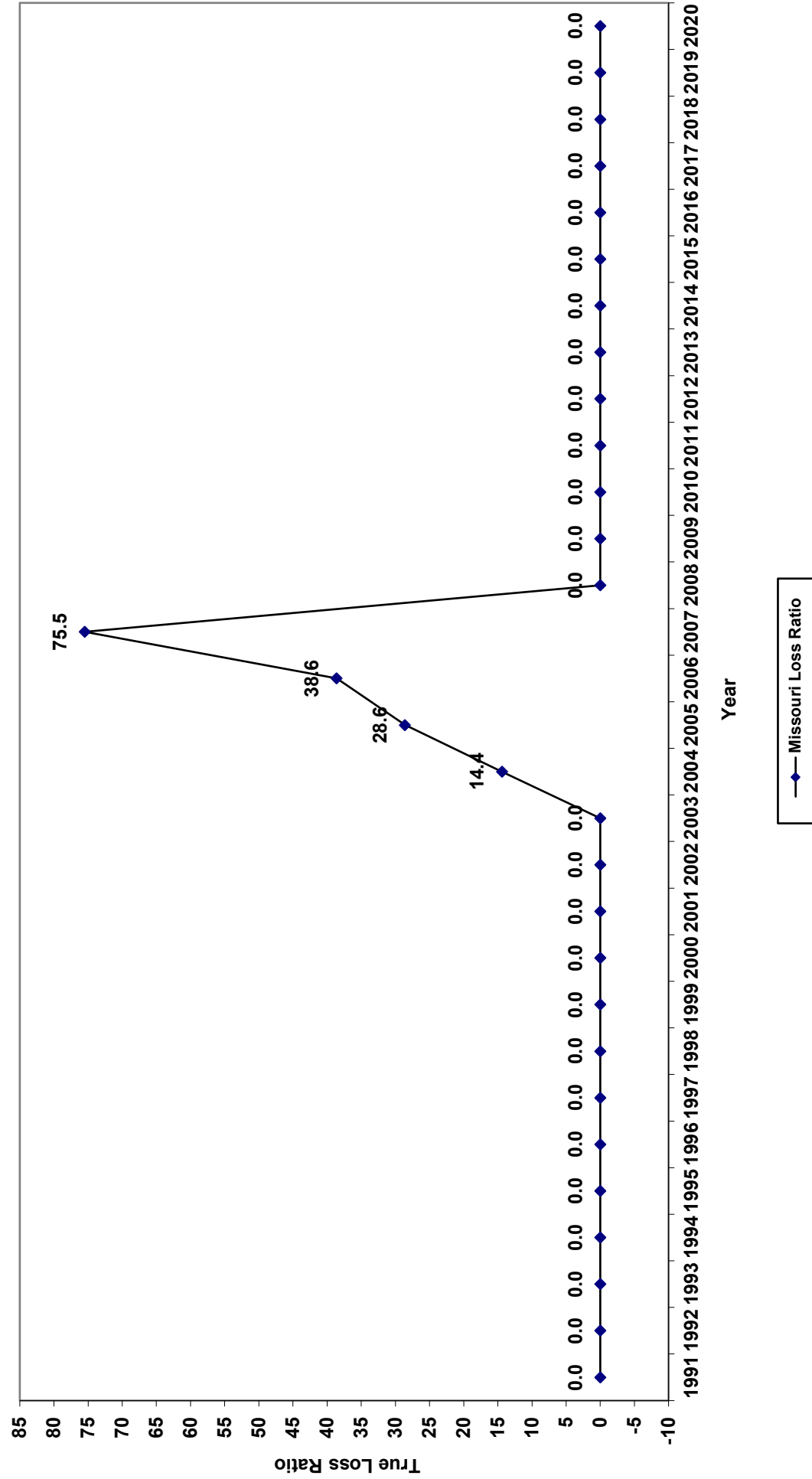
# Arch Mortgage Assurance Company

## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$139,365	\$16,470	\$129,402	\$0	\$69,682	154.67%	104.67%
1992	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1993	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1994	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1995	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1996	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1997	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1998	\$0	\$0	\$0	\$0	\$0	N/A	N/A
1999	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2000	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2001	\$2,054	\$0	\$0	\$0	\$0	0.00%	0.00%
2002	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2003	\$168,810	\$0	\$0	\$0	\$214,299	126.95%	0.00%
2004	\$365,760	\$31,817	\$0	\$54,000	\$385,179	128.77%	23.46%
2005	\$445,769	\$195,939	\$0	\$134,000	\$89,747	94.15%	74.02%
2006	\$582,120	\$259,984	\$0	\$221,000	\$889,124	235.37%	82.63%
2007	\$719,739	\$441,360	\$0	\$541,000	\$1,153,652	296.78%	136.49%
2008	\$505,051	\$225,368	\$9,000	\$0	\$855,896	215.87%	46.40%
2009	\$395,049	\$811,360	-\$265,000	\$0	-\$285,278	66.09%	138.30%
2010	\$319,043	\$626,399	\$430,000	\$0	-\$570,618	152.26%	331.11%
2011	\$271,356	\$775,302	-\$155,000	\$0	\$0	228.59%	228.59%
2012	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2013	\$149,292	\$74,285	\$95,000	\$0	-\$41,653	85.49%	113.39%
2014	\$99,507	\$199,069	-\$195,000	\$0	\$49,753	54.09%	4.09%
2015	\$68,920	\$34,418	\$38,491	\$0	-\$17,821	79.93%	105.79%
2016	\$51,873	\$48,602	-\$12,237	\$0	\$8,057	85.64%	70.10%
2017	\$46,127	\$25,340	\$8,353	\$0	-\$812,031	-1687.38%	73.04%
2018	\$39,361	\$0	-\$22,991	\$0	\$19,681	-8.41%	-58.41%
2019	\$12,062	\$0	-\$46,812	\$0	\$8,456	-317.99%	-388.09%
2020	\$12,759	\$2,500	-\$4,803	\$0	\$14,520	95.75%	-18.05%
TOTAL	\$4,394,017	\$3,768,213	\$8,403	\$950,000	\$2,030,645	153.78%	107.57%

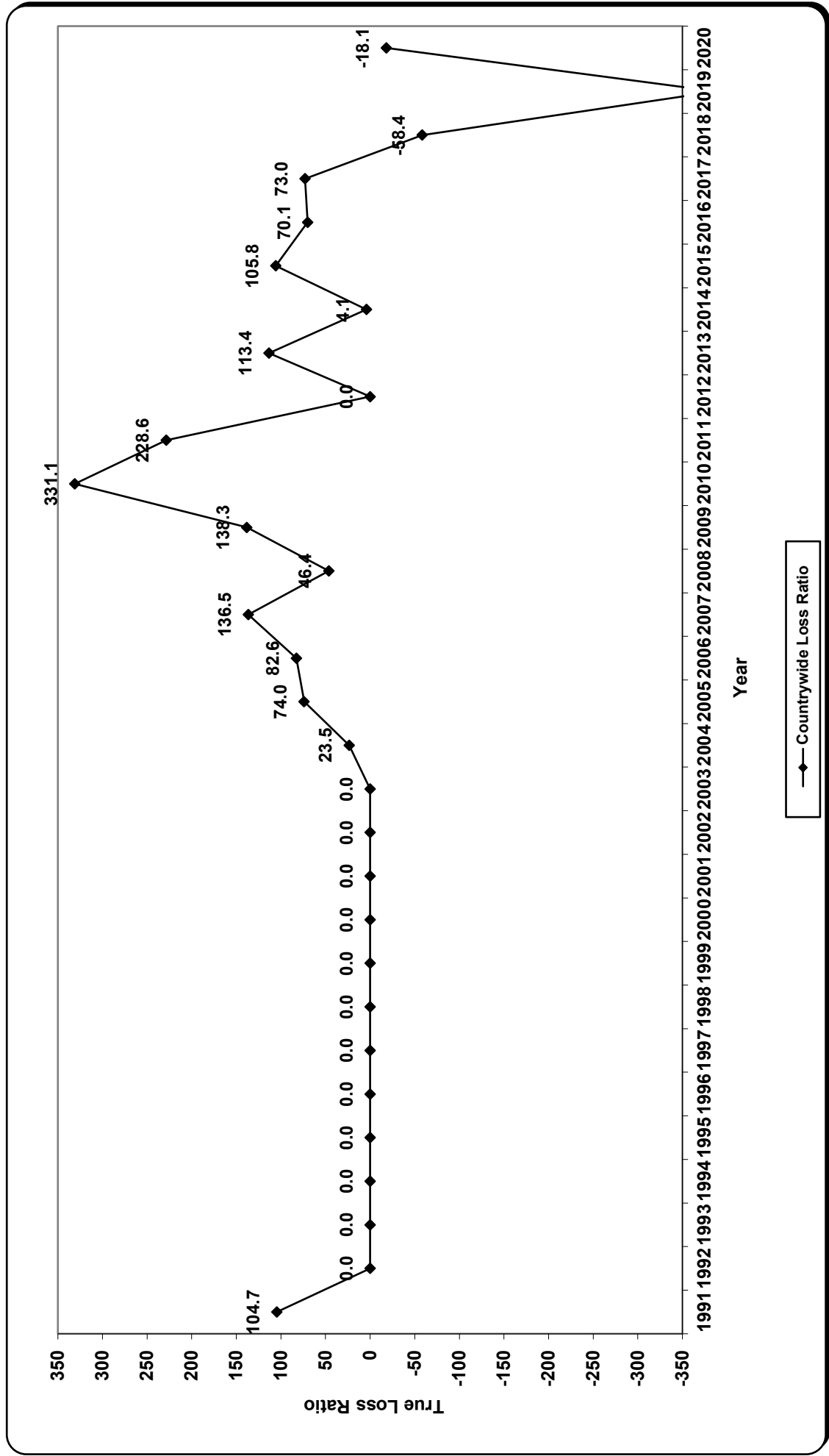


# ARCH MORTGAGE ASSURANCE COMPANY Loss Ratio of Missouri Residential Experience 1991-2020



No data reported in Missouri for years 1992 - 2002 and 2011 - 2020

# ARCH MORTGAGE ASSURANCE COMPANY Loss Ratio of Countrywide Residential Experience 1991-2020



No data reported in Missouri for countrywide business for years 1992-2000, 2002, 2012

# Arch Mortgage Guaranty Company

## Missouri Residential Experience

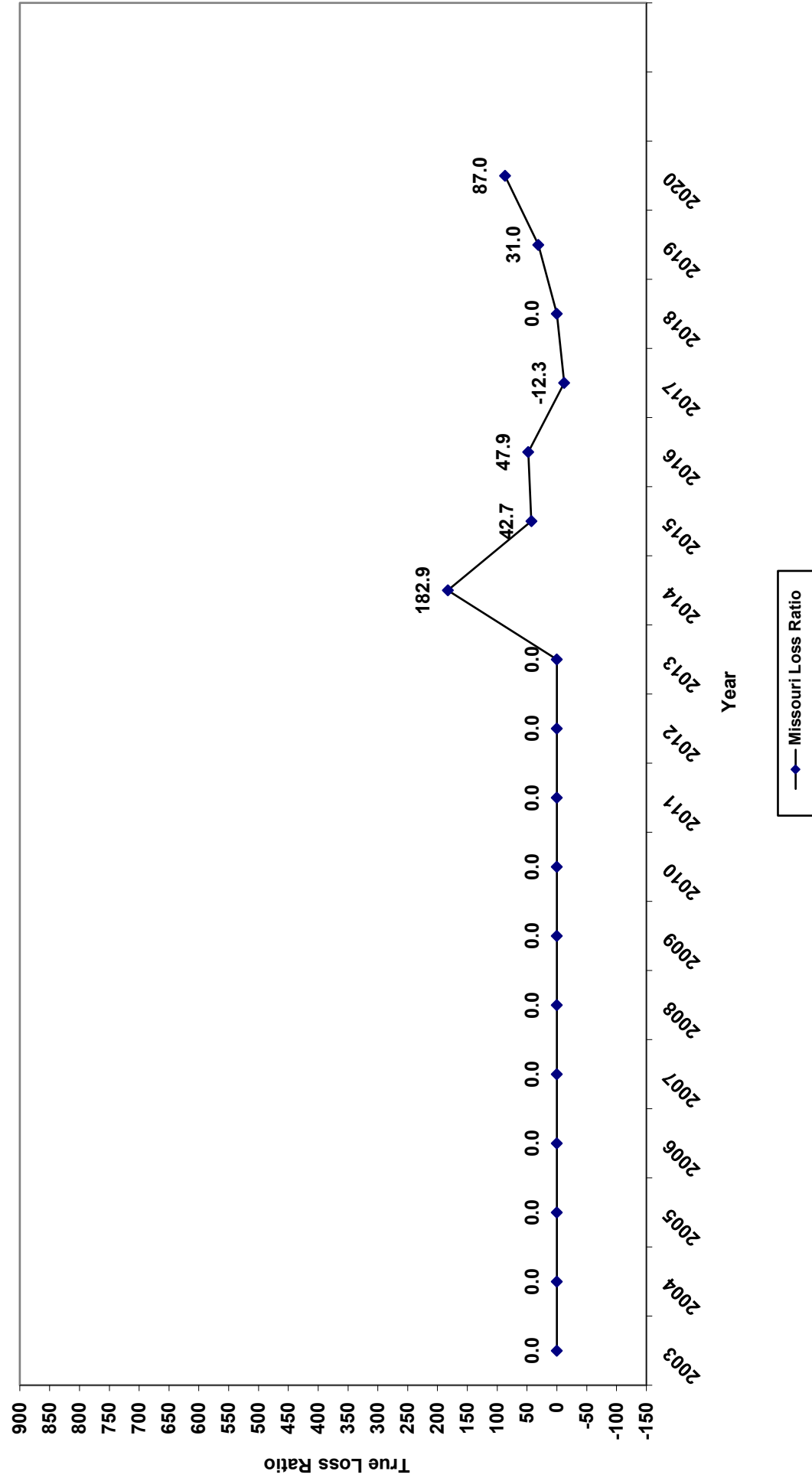
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2003	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2004	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2005	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2006	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2007	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2008	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2009	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2010	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2011	\$18,700	\$0	\$0	\$0	\$0	0.00%	0.00%
2012	\$31,143	\$0	\$0	\$0	\$0	0.00%	0.00%
2013	\$20,431	\$0	\$0	\$0	\$0	0.00%	0.00%
2014	\$15,845	\$0	\$26,904	\$2,071	\$0	182.87%	182.87%
2015	\$14,013	\$0	\$6,389	-\$406	\$0	42.70%	42.70%
2016	\$15,317	\$36,992	-\$28,243	-\$1,414	\$0	47.89%	47.89%
2017	\$43,290	\$0	-\$5,050	-\$251	\$0	-12.25%	-12.25%
2018	\$29,349	\$0	\$0	\$0	\$1,197	4.08%	0.00%
2019	\$40,484	\$0	\$12,559	\$0	\$1,874	35.65%	31.02%
2020	\$51,373	\$0	-\$10,208	\$54,919	\$2,501	91.90%	87.03%
TOTAL	\$279,945	\$36,992	\$2,351	\$54,919	\$5,572	35.66%	33.67%

# Arch Mortgage Guaranty Company

## Countrywide Residential Experience

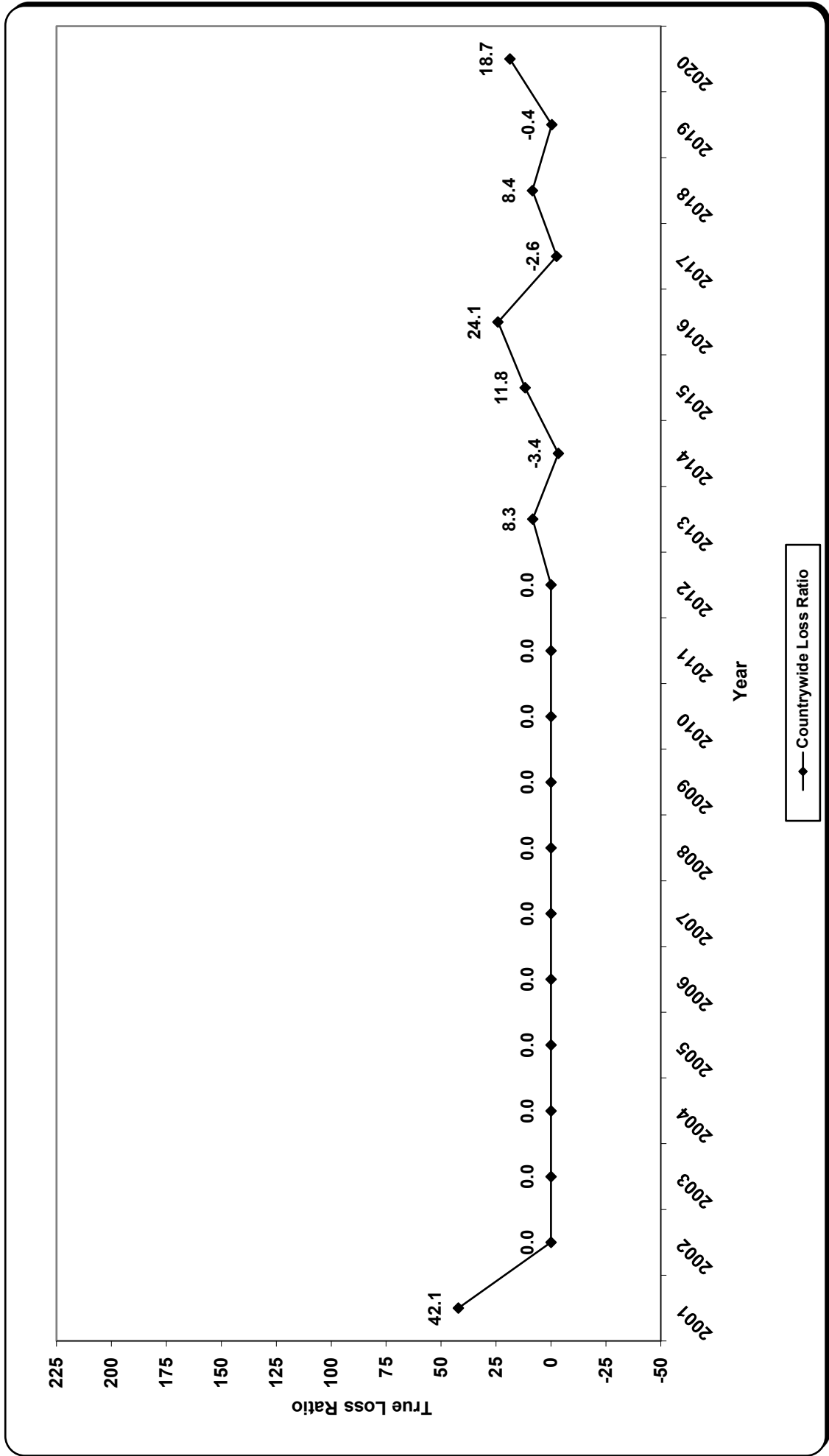
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2001	\$97,393	\$41,000	\$0	\$0	\$0	42.10%	42.10%
2002	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2003	\$84,990	\$0	\$0	\$0	\$976,968	1149.51%	0.00%
2004	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2005	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2006	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2007	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2008	\$44,374	\$0	\$0	\$0	\$427,098	962.50%	0.00%
2009	\$20,581	\$0	\$0	\$0	-\$61,966	-301.08%	0.00%
2010	\$2,697	\$0	\$0	\$0	-\$58,995	-2187.43%	0.00%
2011	\$262,117	\$0	\$0	\$0	\$72,558	27.68%	0.00%
2012	\$600,990	\$0	\$0	\$0	\$265,783	44.22%	0.00%
2013	\$535,086	\$0	\$43,582	\$913	\$224,455	50.26%	8.32%
2014	\$406,773	\$0	-\$15,941	\$2,198	\$166,365	37.52%	-3.38%
2015	\$342,437	\$0	\$39,326	\$1,196	-\$4,294	10.58%	11.83%
2016	\$1,004,383	\$36,992	\$194,917	\$9,657	\$28,355	26.87%	24.05%
2017	\$1,663,047	\$96,888	-\$142,181	\$2,368	\$63,089	1.21%	-2.58%
2018	\$1,972,681	\$499	\$156,569	\$8,440	\$80,439	12.47%	8.39%
2019	\$2,556,396	\$129,806	-\$145,143	\$5,871	\$118,327	4.26%	-0.37%
2020	\$2,916,182	\$20,815	\$498,266	\$25,189	\$141,951	23.53%	18.66%
TOTAL	\$12,510,127	\$326,000	\$629,395	\$55,832	\$2,440,133	27.59%	8.08%

**ARCH MORTGAGE GUARANTY COMPANY**  
**Loss Ratio of Missouri Residential Experience 1991-2020**



No data reported in Missouri for 1991-2010

# ARCH MORTGAGE GUARANTY COMPANY Loss Ratio of Countrywide Residential Experience 1991-2020



No data reported in Missouri for countrywide business in 1991-2000, 2002, 2004-2007

# Arch Mortgage Insurance Company

## Missouri Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$338,843	\$20,383	-\$24,443	\$0	\$0	-1.20%	-1.20%
1992	\$34,004	\$13,013	-\$29,689	\$0	\$0	-49.04%	-49.04%
1993	\$23,349	\$2,990	\$2,713	\$3,318	\$11,675	88.64%	38.64%
1994	\$615	\$0	\$9,476	-\$3,216	-\$62,824	-9197.40%	1017.89%
1995	\$20,639	\$0	-\$12,169	-\$122	\$153,983	686.53%	-59.55%
1996	\$88,755	\$0	\$0	\$0	\$2,300,753	2592.25%	0.00%
1997	\$189,225	\$12,528	\$9,156	\$1,326	\$94,613	62.16%	12.16%
1998	\$328,575	\$0	\$20,286	\$2,942	\$479,713	153.07%	7.07%
1999	\$437,712	\$17,902	\$26,792	\$3,883	\$641,969	157.76%	11.10%
2000	\$597,027	\$9,197	\$53,407	\$7,744	\$908,734	163.99%	11.78%
2001	\$643,133	\$32,948	\$178,573	\$26,786	\$1,048,809	200.13%	37.05%
2002	\$656,907	\$57,458	\$76,057	\$11,625	\$1,209,711	206.25%	22.09%
2003	\$762,317	\$47,380	\$134,340	\$33,585	\$1,659,770	245.97%	28.24%
2004	\$1,008,308	\$90,035	\$144,961	\$46,387	\$2,307,214	256.73%	27.91%
2005	\$1,180,902	\$76,835	\$258,177	\$82,060	\$2,881,706	279.34%	35.32%
2006	\$1,347,810	\$371,523	\$199,331	\$31,135	\$3,503,015	304.57%	44.66%
2007	\$1,675,381	\$139,498	\$379,830	\$107,748	\$4,328,986	295.82%	37.43%
2008	\$2,060,082	\$497,799	\$670,854	\$99,983	\$4,451,229	277.65%	61.58%
2009	\$2,171,831	\$871,141	\$546,997	-\$26,925	-\$1,047,417	15.83%	64.06%
2010	\$2,019,874	\$2,018,446	\$223,861	\$6,972	-\$1,013,218	61.19%	111.36%
2011	\$1,947,979	\$2,313,596	\$81,276	\$22,581	\$0	124.10%	124.10%
2012	\$1,943,198	\$1,729,404	-\$481,179	-\$23,991	\$0	63.00%	63.00%
2013	\$2,127,827	\$1,512,107	-\$44,333	\$13,596	\$0	69.62%	69.62%
2014	\$2,050,587	\$725,412	-\$189,927	-\$29,772	\$0	24.66%	24.66%
2015	\$2,259,064	\$736,545	-\$260,274	-\$77,417	\$0	17.66%	17.66%
2016	\$3,361,723	\$355,888	-\$276,185	-\$16,636	\$0	1.88%	1.88%
2017	\$5,670,276	\$437,724	-\$167,007	\$1,184	\$0	4.80%	4.80%
2018	\$10,348,568	\$266,295	\$149,742	-\$12,596	\$3,659,510	39.26%	3.90%
2019	\$14,141,033	\$88,871	\$86,449	\$46,768	\$3,508,882	26.38%	1.57%
2020	\$15,764,979	\$286,356	\$3,223,876	\$76,960	\$2,719,147	40.00%	22.75%
TOTAL	\$75,200,523	\$12,731,274	\$4,990,948	\$435,908	\$33,745,960	69.02%	24.15%

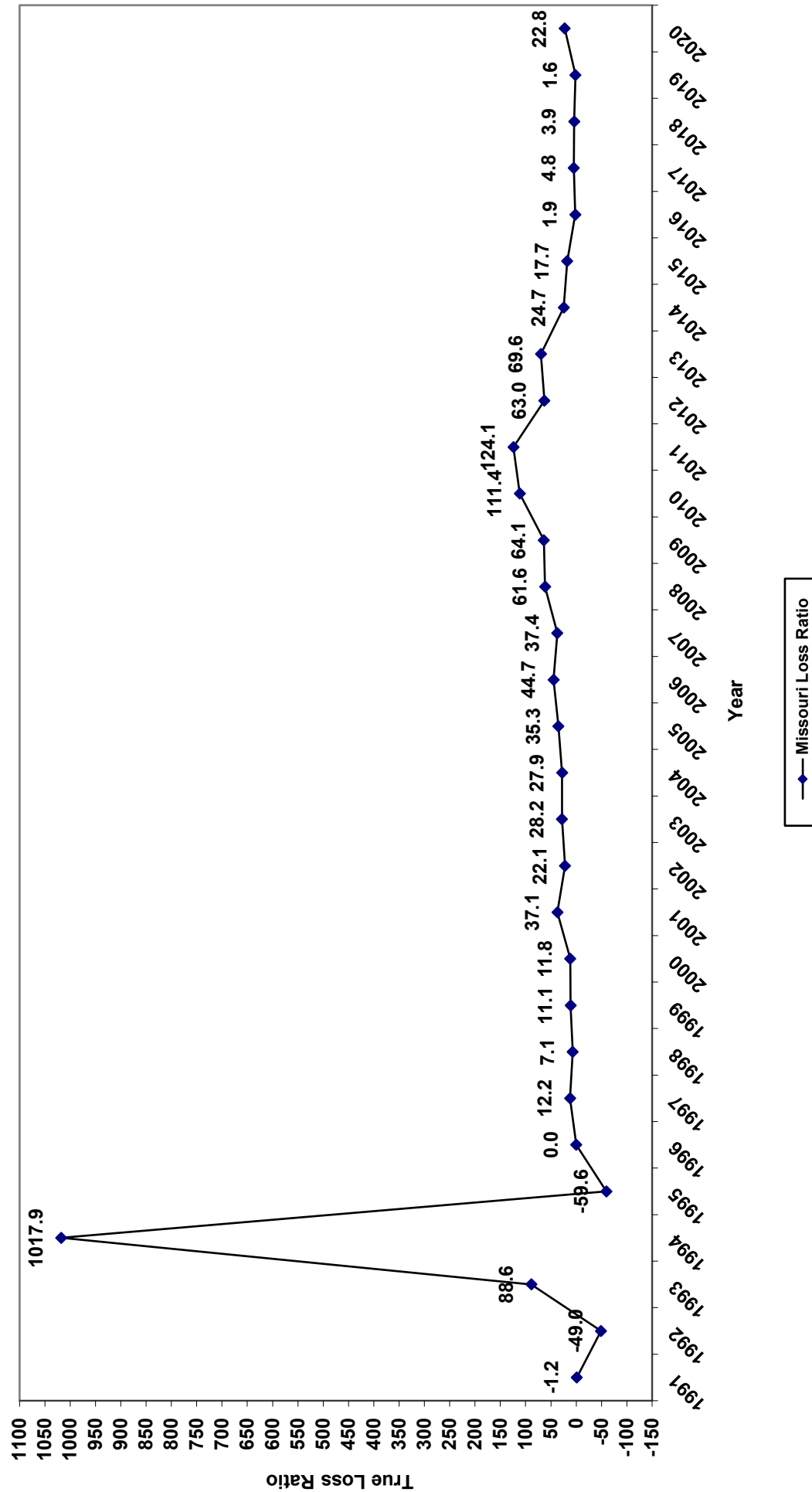
# Arch Mortgage Insurance Company

## Countrywide Residential Experience

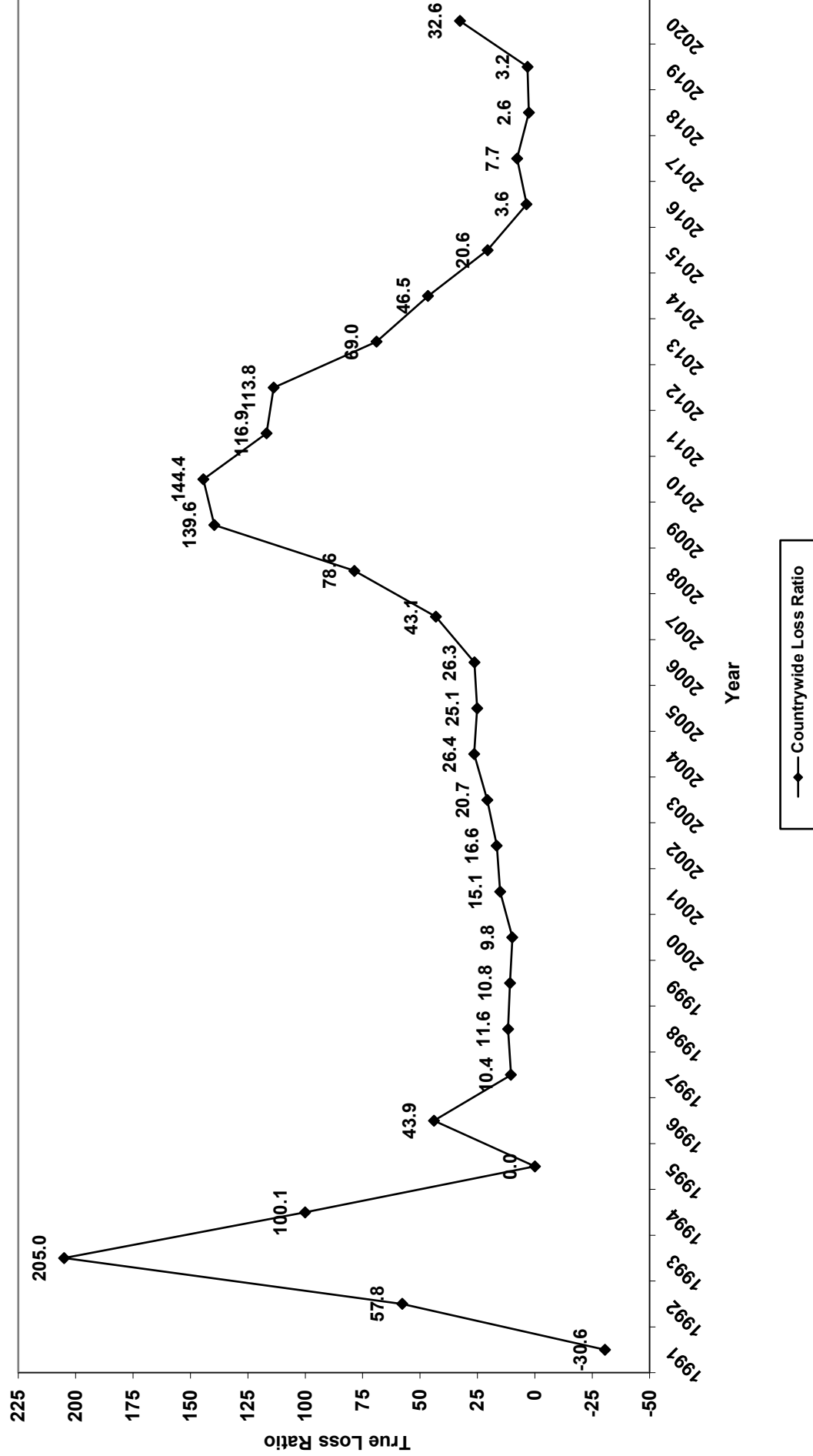
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$9,726,575	\$14,956,328	-\$17,935,694	\$0	\$90,617	-29.70%	-30.63%
1992	\$4,425,672	\$7,716,495	-\$5,157,731	\$0	-\$25,270,816	-513.19%	57.82%
1993	\$3,074,760	\$2,818,041	\$1,555,278	\$1,928,472	\$10,795,376	556.05%	204.95%
1994	\$143,198	\$1,110,051	\$936,250	-\$1,903,000	-\$282,547	-97.24%	100.07%
1995	\$1,154,214	\$465,461	-\$465,461	\$0	\$536,189	46.45%	0.00%
1996	\$4,733,423	\$220,200	\$1,833,197	\$25,000	\$13,232,924	323.47%	43.91%
1997	\$10,167,469	\$242,580	\$753,566	\$62,500	\$4,648,599	56.13%	10.41%
1998	\$17,768,687	\$436,674	\$1,435,567	\$185,791	\$25,941,894	157.58%	11.58%
1999	\$25,638,967	\$817,988	\$1,707,936	\$247,419	\$37,603,284	157.48%	10.82%
2000	\$32,915,454	\$843,107	\$2,070,090	\$300,163	\$50,100,627	161.97%	9.76%
2001	\$38,424,069	\$1,210,966	\$3,992,802	\$598,920	\$62,661,238	178.18%	15.10%
2002	\$43,586,393	\$1,558,792	\$4,920,621	\$756,477	\$80,265,450	200.75%	16.60%
2003	\$46,143,629	\$3,135,919	\$5,093,334	\$1,323,334	\$100,467,068	238.43%	20.70%
2004	\$54,712,990	\$5,350,322	\$6,862,391	\$2,245,964	\$125,194,463	255.25%	26.43%
2005	\$62,545,762	\$5,211,375	\$7,936,765	\$2,522,642	\$152,627,802	269.08%	25.05%
2006	\$69,630,617	\$6,739,669	\$9,993,356	\$1,560,950	\$180,972,887	286.18%	26.27%
2007	\$81,856,319	\$11,775,991	\$18,336,809	\$5,201,675	\$211,507,002	301.53%	43.14%
2008	\$97,727,555	\$24,909,460	\$44,666,824	\$7,192,522	\$211,160,392	294.62%	78.55%
2009	\$103,422,185	\$51,778,653	\$88,010,628	\$4,580,025	-\$49,458,207	91.77%	139.59%
2010	\$95,342,834	\$121,083,877	\$16,421,243	\$125,779	-\$48,860,484	93.11%	144.35%
2011	\$90,845,386	\$126,595,136	-\$19,492,767	-\$900,001	-\$8,422,268	107.63%	116.90%
2012	\$91,352,032	\$118,082,069	-\$12,544,715	-\$1,600,000	-\$13,155,352	99.38%	113.78%
2013	\$97,932,251	\$101,814,082	-\$31,653,064	-\$2,550,000	\$14,835,692	84.19%	69.04%
2014	\$102,215,572	\$67,120,427	-\$17,212,285	-\$2,377,644	\$15,890,847	62.05%	46.50%
2015	\$118,220,381	\$41,222,338	-\$13,286,519	-\$3,566,937	\$27,284,047	43.69%	20.61%
2016	\$167,825,094	\$27,955,588	-\$20,550,401	-\$1,362,739	\$36,848,064	25.56%	3.60%
2017	\$294,759,155	\$19,149,135	\$671,174	\$2,722,192	\$734,612,259	256.87%	7.65%
2018	\$500,147,741	\$12,312,888	\$4,268,625	-\$3,803,026	\$176,864,635	37.92%	2.55%
2019	\$715,174,810	\$12,741,532	\$7,587,897	\$2,590,570	\$177,459,733	28.02%	3.20%
2020	\$839,517,151	\$13,372,681	\$251,759,546	\$8,588,728	\$144,800,095	49.85%	32.60%
TOTAL	\$3,821,130,345	\$802,747,825	\$342,515,262	\$24,695,776	\$2,450,951,510	94.76%	30.62%



# ARCH MORTGAGE INSURANCE COMPANY Loss Ratio of Missouri Residential Experience 1991-2020



# ARCH MORTGAGE INSURANCE COMPANY Loss Ratio of Countrywide Residential Experience 1991-2020



# Essent Guaranty, Inc.

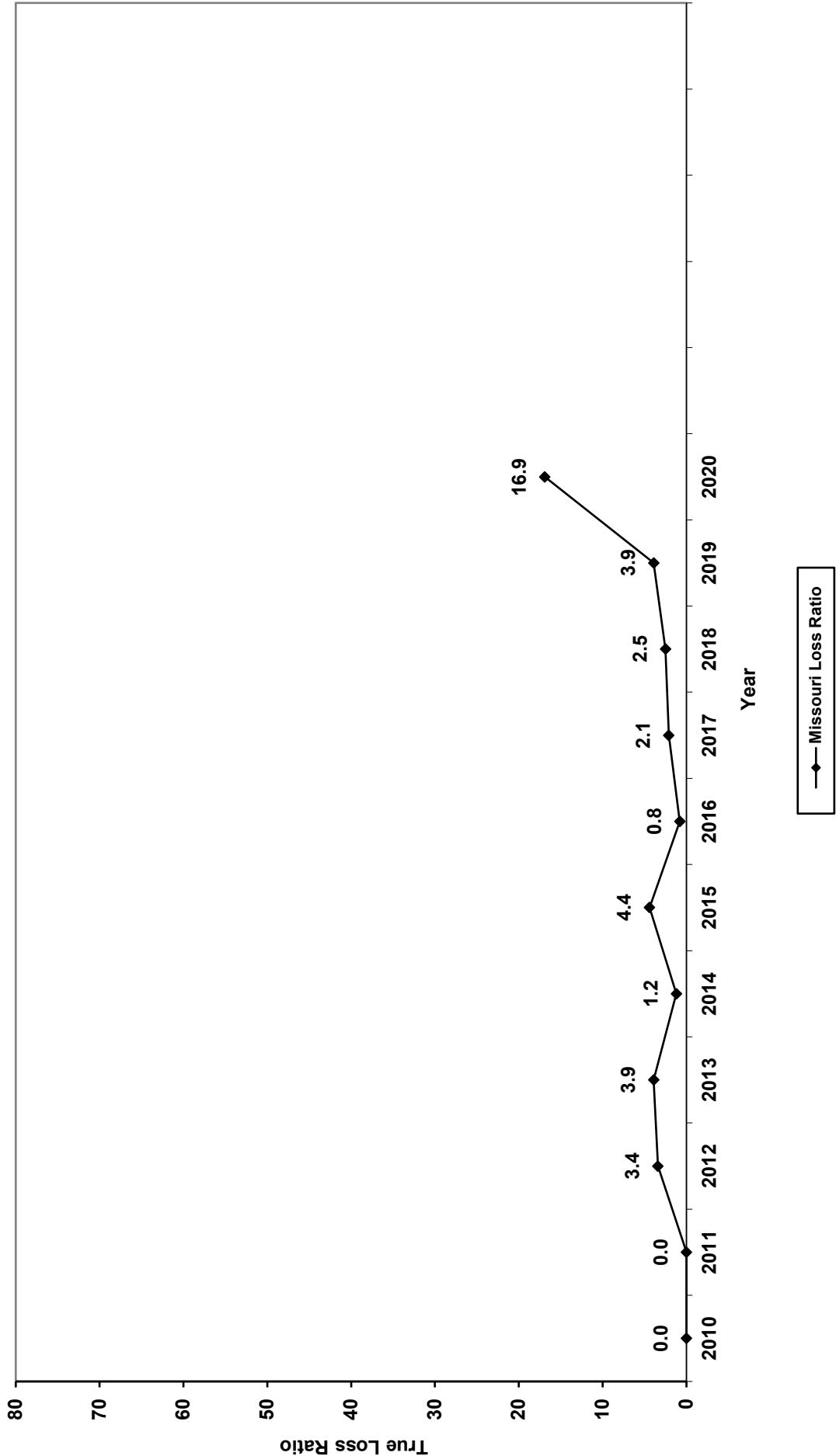
## Missouri Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2010	\$3,094	\$0	\$0	\$0	\$1,505	48.64%	0.00%
2011	\$133,474	\$0	\$0	\$0	\$61,867	46.35%	0.00%
2012	\$755,980	\$0	\$25,322	\$0	\$377,990	53.35%	3.35%
2013	\$2,111,481	\$70,244	\$12,600	\$0	\$1,055,741	53.92%	3.92%
2014	\$3,664,235	\$14,949	\$29,194	\$0	\$1,832,118	51.20%	1.20%
2015	\$5,716,267	\$119,899	\$132,024	\$0	\$2,858,134	54.41%	4.41%
2016	\$7,652,569	\$111,031	-\$50,028	\$0	\$3,826,285	50.80%	0.80%
2017	\$9,288,636	\$5,159	\$185,687	\$0	\$4,644,318	52.05%	2.05%
2018	\$11,386,733	\$106,403	\$182,166	\$0	\$5,693,367	52.53%	2.53%
2019	\$13,345,201	\$274,127	\$250,021	\$0	\$6,672,601	53.93%	3.93%
2020	\$14,922,317	\$224,160	\$2,297,709	\$0	\$7,459,612	66.89%	16.90%
TOTAL	\$68,979,987	\$925,972	\$3,064,695	\$0	\$34,483,538	55.78%	5.79%

## Countrywide Residential Experience

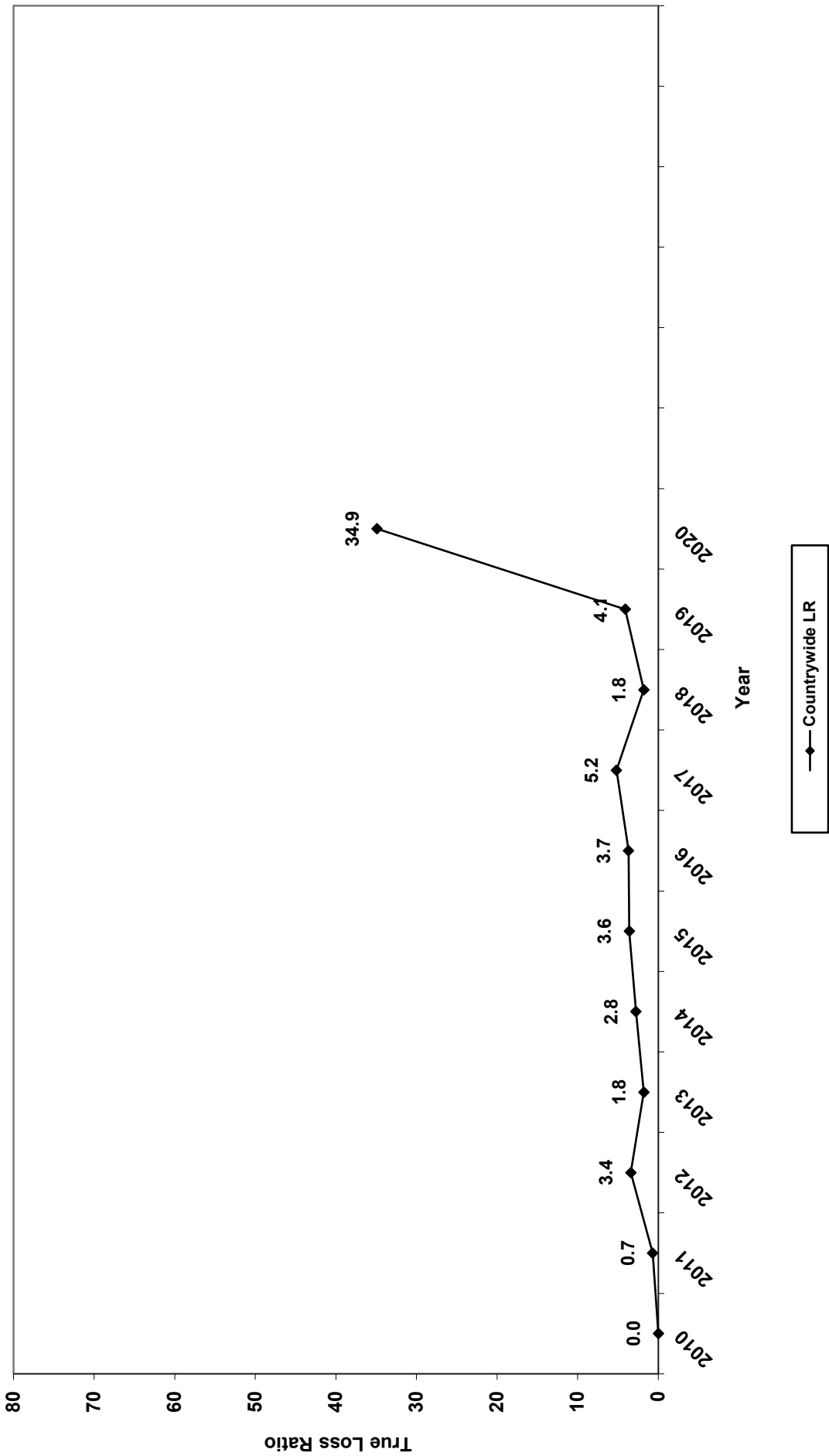
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2010	\$210,116	\$0	\$0	\$0	\$98,631	46.94%	0.00%
2011	\$8,178,942	\$0	\$55,544	\$0	\$3,829,726	47.50%	0.68%
2012	\$41,796,109	\$18,409	\$1,336,617	\$70,000	\$20,898,054	53.41%	3.41%
2013	\$123,371,908	\$719,640	\$1,415,403	\$141,000	\$61,685,955	51.84%	1.84%
2014	\$223,228,460	\$928,563	\$4,893,353	\$367,000	\$111,614,230	52.77%	2.77%
2015	\$324,833,394	\$2,498,304	\$8,571,429	\$642,000	\$162,416,697	53.61%	3.61%
2016	\$414,077,823	\$5,026,668	\$9,485,517	\$712,000	\$207,038,912	53.68%	3.68%
2017	\$509,287,217	\$8,279,843	\$17,110,235	\$1,283,000	\$254,651,580	55.24%	5.24%
2018	\$633,058,740	\$8,559,226	\$2,440,113	\$183,000	\$316,529,370	51.77%	1.77%
2019	\$777,257,303	\$12,611,826	\$17,871,508	\$1,340,000	\$388,628,652	54.09%	4.09%
2020	\$905,112,659	\$14,366,701	\$280,109,912	\$21,009,000	\$302,502,608	68.28%	34.86%
TOTAL	\$3,960,412,671	\$53,009,180	\$343,289,631	\$25,747,000	\$1,829,894,415	56.86%	10.66%

ESSENT GUARANTY, INC  
Loss Ratio of Missouri Residential Experience 1991-2020



No data reported in Missouri for residential business for years 1991 - 2009

ESSENT GUARANTY, INC  
Loss Ratio of Countrywide Residential Experience 1991-2020



No data reported in Missouri for countrywide business for years 1991 - 2009

# Genworth Mortgage Insurance Corporation

## Missouri Residential Experience

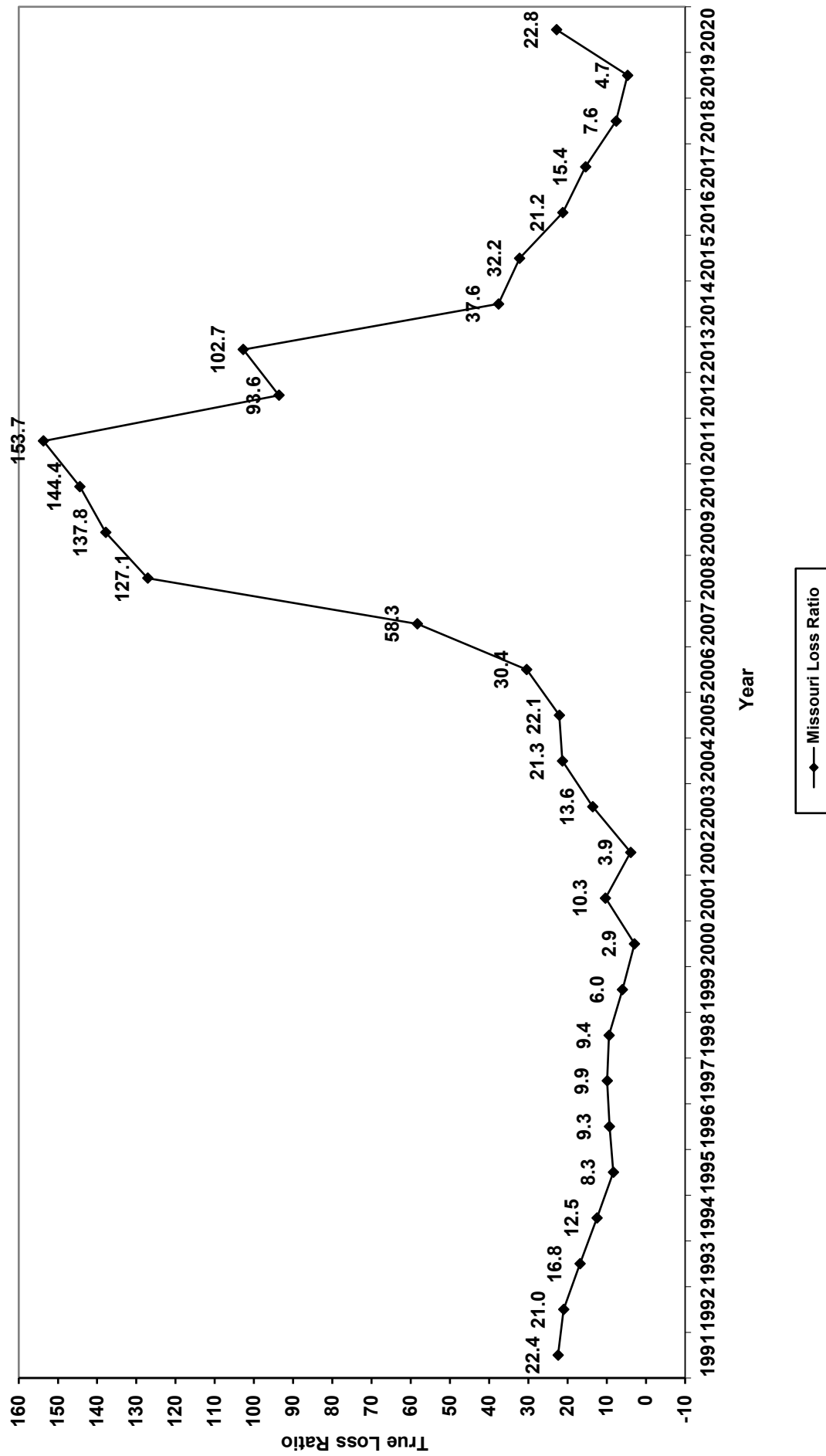
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$4,861,174	\$1,056,215	\$24,141	\$9,328	\$2,430,587	72.42%	22.42%
1992	\$5,305,536	\$933,184	\$159,511	\$22,785	\$2,652,768	71.02%	21.02%
1993	\$5,885,365	\$793,026	\$186,874	\$7,101	\$2,717,460	62.94%	16.77%
1994	\$6,485,331	\$591,860	\$199,600	\$20,056	\$61,948	13.47%	12.51%
1995	\$8,725,950	\$561,546	\$191,346	-\$29,635	\$1,180,297	21.81%	8.29%
1996	\$10,581,442	\$820,788	\$125,987	\$38,966	-\$2,618,695	-15.43%	9.32%
1997	\$11,372,810	\$1,418,655	-\$309,021	\$10,601	-\$4,063,343	-25.88%	9.85%
1998	\$11,348,034	\$1,434,676	-\$312,294	-\$60,751	-\$5,267,910	-37.07%	9.36%
1999	\$10,972,147	\$1,500,122	-\$734,216	-\$106,733	-\$4,913,283	-38.77%	6.01%
2000	\$12,109,464	\$1,216,515	-\$611,417	-\$259,055	-\$5,347,462	-41.30%	2.86%
2001	\$12,319,699	\$911,371	\$342,791	\$13,443	-\$5,259,651	-32.40%	10.29%
2002	\$12,344,285	\$1,623,198	-\$953,349	-\$188,880	-\$4,937,135	-36.10%	3.90%
2003	\$12,477,664	\$2,041,089	-\$318,065	-\$28,851	-\$4,601,112	-23.30%	13.58%
2004	\$12,030,013	\$2,859,985	-\$277,189	-\$21,149	-\$12,466,093	-82.33%	21.29%
2005	\$11,337,411	\$3,074,628	-\$540,218	-\$33,668	\$4,134,473	58.52%	22.06%
2006	\$11,860,915	\$3,550,480	-\$11,516	\$67,476	-\$1,841,148	14.88%	30.41%
2007	\$14,779,819	\$4,684,016	\$3,620,571	\$314,013	-\$4,573,192	27.37%	58.31%
2008	\$18,112,605	\$10,279,850	\$11,675,054	\$1,066,460	\$12,741,514	197.45%	127.10%
2009	\$16,363,864	\$14,318,851	\$7,936,832	\$287,047	-\$17,201,190	32.64%	137.76%
2010	\$14,386,925	\$23,190,404	-\$3,389,404	\$966,571	-\$19,922,470	5.87%	144.35%
2011	\$13,113,091	\$19,857,423	\$209,613	\$92,805	-\$2,015,258	138.37%	153.74%
2012	\$11,407,801	\$18,335,371	-\$7,614,000	-\$40,650	\$0	93.63%	93.63%
2013	\$9,081,001	\$12,160,780	-\$2,648,831	-\$188,520	\$467,879	107.82%	102.67%
2014	\$11,735,038	\$8,680,390	-\$3,363,270	-\$906,837	\$2,719,268	60.75%	37.58%
2015	\$12,222,037	\$7,933,425	-\$3,777,243	-\$227,215	\$5,463,177	76.85%	32.15%
2016	\$13,221,723	\$4,956,669	-\$2,085,495	-\$63,174	\$6,001,752	66.63%	21.24%
2017	\$13,396,466	\$3,686,392	-\$1,606,654	-\$13,639	\$6,060,231	60.66%	15.42%
2018	\$13,929,429	\$2,251,058	-\$1,208,368	\$19,159	\$6,271,544	52.65%	7.62%
2019	\$16,017,119	\$1,413,159	-\$655,614	-\$9,236	\$8,028,233	54.79%	4.67%
2020	\$18,056,453	\$966,076	\$3,131,066	\$24,856	\$8,611,284	70.52%	22.83%
TOTAL	\$355,840,611	\$157,101,202	-\$2,612,778	\$782,674	-\$25,485,527	36.47%	43.64%

# Genworth Mortgage Insurance Corporation

## Countrywide Residential Experience

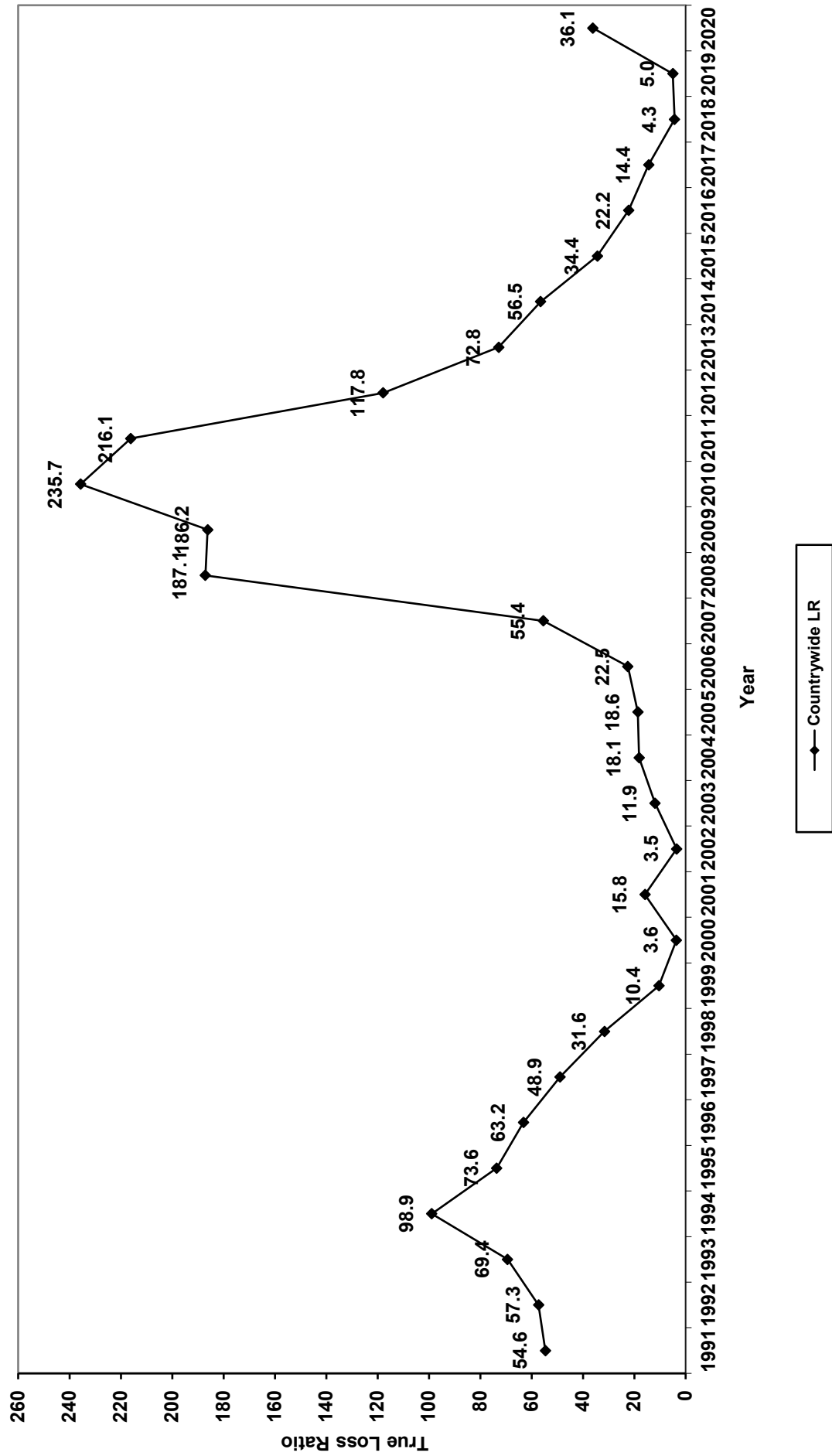
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$269,686,723	\$76,368,997	\$51,180,223	\$19,775,362	\$76,478,948	82.99%	54.63%
1992	\$352,862,508	\$113,179,326	\$77,773,326	\$11,109,413	\$92,037,292	83.35%	57.26%
1993	\$472,759,930	\$262,456,800	\$63,088,126	\$2,397,439	\$217,396,810	115.35%	69.37%
1994	\$532,170,622	\$416,547,961	\$99,605,315	\$10,008,444	\$5,083,553	99.83%	98.87%
1995	\$621,766,417	\$406,700,036	\$60,171,663	-\$9,319,130	\$129,030,431	94.34%	73.59%
1996	\$674,085,697	\$396,076,638	\$22,936,248	\$7,093,898	-\$166,822,716	38.46%	63.21%
1997	\$700,456,178	\$385,160,696	-\$44,495,136	\$1,526,433	-\$250,262,992	13.12%	48.85%
1998	\$675,143,427	\$253,510,435	-\$33,545,205	-\$6,525,593	-\$313,410,643	-14.81%	31.61%
1999	\$638,436,267	\$152,806,581	-\$75,614,079	-\$10,991,969	-\$285,889,196	-34.41%	10.37%
2000	\$655,836,139	\$109,570,886	-\$60,615,912	-\$25,682,738	-\$289,613,063	-40.61%	3.55%
2001	\$674,112,765	\$80,341,050	\$24,893,842	\$976,215	-\$287,799,054	-26.94%	15.76%
2002	\$661,582,551	\$86,234,317	-\$52,857,617	-\$10,472,299	-\$264,602,006	-36.53%	3.46%
2003	\$632,615,957	\$95,503,946	-\$18,363,760	-\$1,665,747	-\$233,275,770	-24.94%	11.93%
2004	\$593,253,971	\$124,354,142	-\$16,059,145	-\$1,225,269	-\$614,759,034	-85.58%	18.05%
2005	\$552,214,361	\$130,829,906	-\$26,310,227	-\$1,639,737	\$201,378,894	55.10%	18.63%
2006	\$549,511,108	\$120,876,807	-\$538,603	\$3,155,823	-\$85,299,601	6.95%	22.47%
2007	\$680,229,680	\$170,542,451	\$189,904,538	\$16,470,485	-\$210,477,618	24.47%	55.41%
2008	\$804,552,101	\$420,008,578	\$994,532,326	\$90,845,739	-\$375,789,628	140.40%	187.11%
2009	\$672,442,690	\$914,149,910	\$326,183,934	\$11,796,904	-\$706,851,065	81.09%	186.21%
2010	\$603,496,846	\$1,271,389,999	\$211,368,524	-\$60,276,874	-\$835,699,636	97.23%	235.71%
2011	\$563,424,628	\$1,022,899,785	\$134,914,399	\$59,732,746	-\$86,588,750	200.73%	216.10%
2012	\$520,236,904	\$1,071,311,966	-\$455,848,813	-\$2,433,716	\$0	117.84%	117.84%
2013	\$508,487,888	\$840,556,045	-\$439,178,350	-\$31,256,728	\$26,198,725	77.94%	72.79%
2014	\$546,944,777	\$592,632,491	-\$223,422,701	-\$60,241,354	\$126,739,220	79.66%	56.49%
2015	\$618,804,066	\$526,621,908	-\$295,717,705	-\$17,788,521	\$276,601,699	79.14%	34.44%
2016	\$685,486,761	\$359,242,314	-\$200,728,281	-\$6,080,489	\$311,163,823	67.63%	22.24%
2017	\$716,684,161	\$278,037,218	-\$174,062,930	-\$942,500	\$324,210,269	59.61%	14.38%
2018	\$768,149,796	\$187,422,592	-\$152,295,816	-\$2,183,627	\$345,849,449	49.31%	4.29%
2019	\$878,617,321	\$105,390,551	-\$59,065,866	-\$2,142,096	\$599,846,649	73.30%	5.03%
2020	\$1,019,580,418	\$52,985,482	\$310,747,223	\$3,836,775	\$486,247,004	83.74%	36.05%
TOTAL	\$18,843,632,658	\$11,023,709,814	\$238,579,541	-\$12,142,711	-\$1,788,878,006	50.21%	59.70%

# GENWORTH MORTGAGE INSURANCE CORPORATION Loss Ratio of Missouri Residential Experience 1991-2020





# GENWORTH MORTGAGE INSURANCE CORPORATION Loss Ratio of Countrywide Residential Experience 1991-2020



# Genworth Mortgage Insurance Corporation of North Carolina

## Missouri Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$38,096	\$32,396	-\$48,681	\$8,662	\$19,048	29.99%	-20.01%
1992	\$30,365	\$0	-\$1,443	\$3,816	\$15,183	57.82%	7.81%
1993	\$22,194	\$5,071	-\$10,350	-\$2,551	\$60,863	238.95%	-35.28%
1994	\$17,701	\$19,605	-\$15,915	-\$3,424	-\$213,310	-1203.57%	1.50%
1995	\$15,147	\$3,555	\$4,516	\$393	-\$27,690	-126.93%	55.88%
1996	\$12,548	\$0	-\$6,500	-\$691	\$0	-57.31%	-57.31%
1997	\$9,919	\$0	-\$1,229	-\$211	\$0	-14.52%	-14.52%
1998	\$6,982	\$0	-\$4,938	-\$741	-\$4,534	-146.28%	-81.34%
1999	\$5,141	\$0	-\$867	-\$136	-\$72,258	-1425.03%	-19.51%
2000	\$3,030	\$0	-\$291	-\$76	-\$58,030	-1927.29%	-12.11%
2001	\$1,700	\$0	-\$137	-\$13	-\$40,600	-2397.06%	-8.82%
2002	\$764	\$0	-\$839	-\$102	-\$73,446	-9736.52%	-123.17%
2003	\$548	\$0	-\$355	-\$28	-\$112,252	-20553.83%	-69.89%
2004	\$158	\$0	\$0	\$0	\$68,716	43491.14%	0.00%
2005	\$127	\$0	-\$31	-\$2	\$110,004	86591.34%	-25.98%
2006	\$42	\$0	\$0	\$0	\$64,217	152897.62%	0.00%
2007	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2008	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2009	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2010	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2011	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2012	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2013	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2014	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2015	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2016	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2017	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2018	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2019	\$632	\$0	\$0	\$0	\$316	50.00%	0.00%
2020	\$90,339	\$0	\$0	\$0	\$45,170	50.00%	0.00%
TOTAL	\$255,433	\$60,627	-\$87,060	\$4,896	-\$218,603	-94.01%	-8.43%

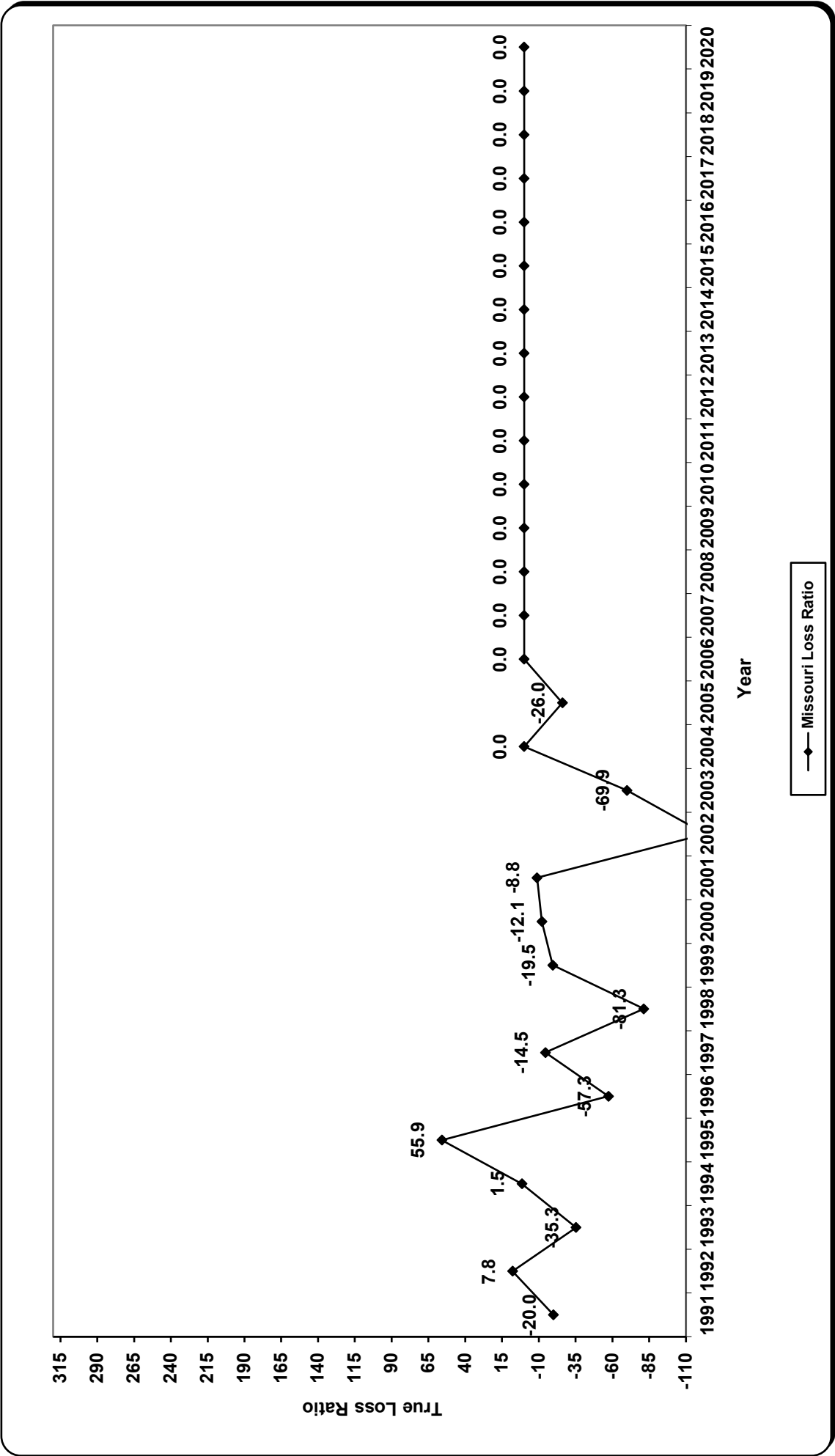
# Genworth Mortgage Insurance Corporation of North Carolina

## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$24,424,845	\$6,552,464	\$4,633,721	\$824,451	\$8,632,422	84.52%	49.17%
1992	\$28,194,337	\$14,329,704	\$240,918	\$637,103	\$8,266,213	83.26%	53.94%
1993	\$4,844,004	\$2,802,490	-\$1,544,769	-\$380,802	\$13,283,050	292.32%	18.10%
1994	\$3,288,558	\$2,559,694	\$1,760,671	-\$378,784	-\$39,633,949	-1085.35%	119.86%
1995	\$2,165,143	\$1,005,433	\$573,117	\$49,880	-\$4,782,459	-145.67%	75.21%
1996	\$2,074,518	\$836,371	-\$471,786	-\$50,134	\$0	15.16%	15.16%
1997	\$1,563,523	\$623,303	-\$249,048	-\$42,864	\$0	21.20%	21.20%
1998	\$1,112,864	\$490,134	-\$644,702	-\$96,710	-\$722,623	-87.51%	-22.58%
1999	\$739,851	\$384,028	-\$643,525	-\$100,923	-\$10,398,777	-1454.24%	-48.72%
2000	\$480,929	\$105,019	-\$330,717	-\$86,134	-\$9,210,614	-1980.01%	-64.84%
2001	\$256,612	\$58,721	-\$256,078	-\$24,726	-\$6,128,516	-2474.79%	-86.54%
2002	\$146,644	\$66,380	-\$168,976	-\$20,622	-\$14,097,400	-9697.37%	-84.03%
2003	\$80,114	-\$8,284	-\$116,956	-\$9,231	-\$16,410,485	-20651.77%	-167.85%
2004	\$41,258	\$7,433	-\$38,181	-\$2,934	\$17,943,547	43409.44%	-81.64%
2005	\$22,087	\$45,749	-\$26,977	-\$1,858	\$19,131,132	86693.74%	76.58%
2006	\$14,000	-\$1,450	-\$15,302	-\$899	\$21,405,563	152770.80%	-126.08%
2007	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2008	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2009	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2010	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2011	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2012	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2013	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2014	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2015	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2016	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2017	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2018	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2019	\$6,812	\$0	\$0	\$0	-\$155,657,692	-2285051.26%	0.00%
2020	\$541,852	\$0	\$39,669	\$1,864	\$384,154	78.56%	7.67%
TOTAL	\$69,997,951	\$29,857,189	\$2,741,079	\$316,677	-\$167,996,434	-192.98%	47.02%

GENWORTH MORTGAGE INSURANCE CORPORATION OF NORTH CAROLINA

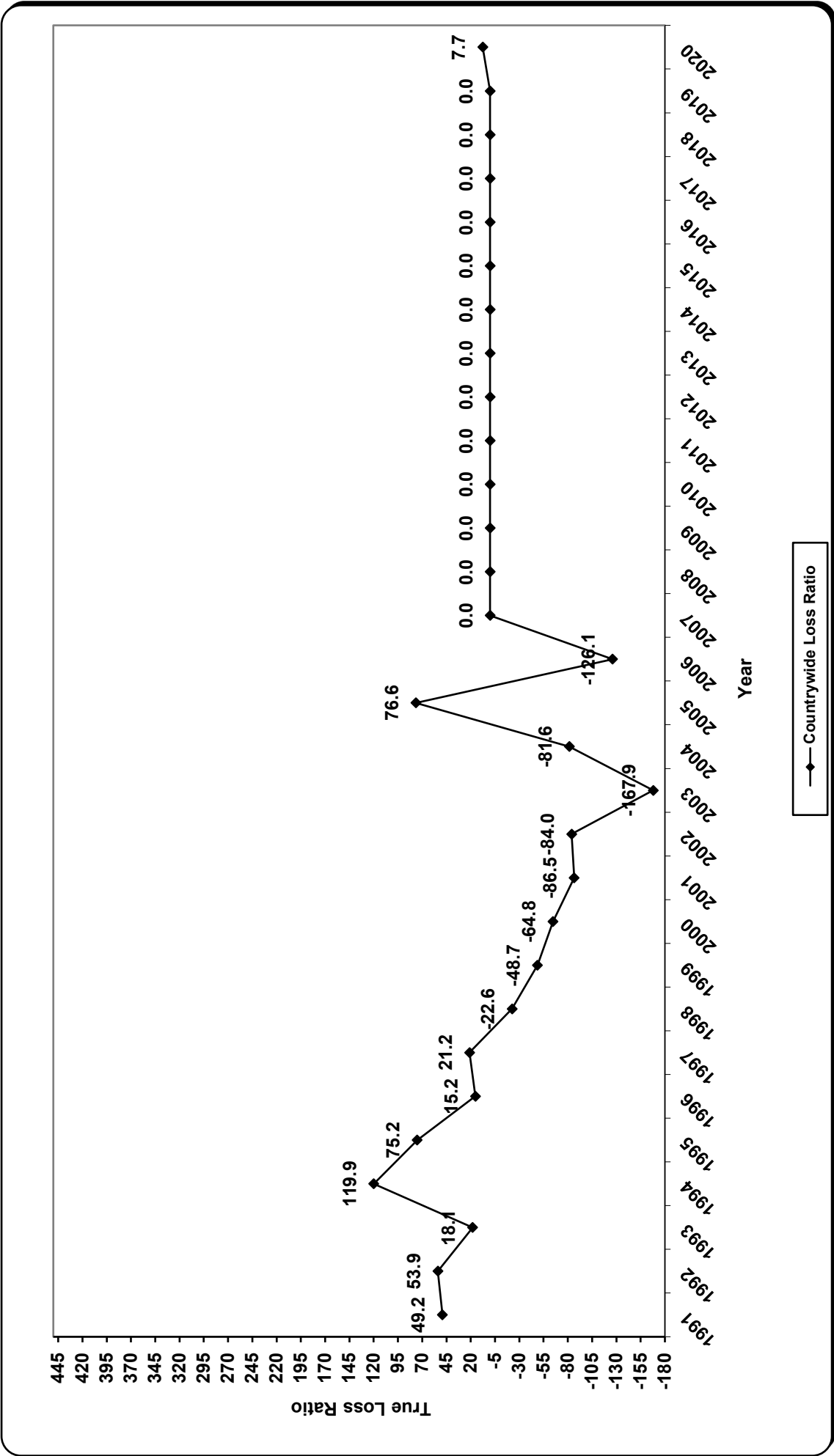
Loss Ratio of Missouri Residential Experience 1991-2020



No data reported in Missouri for year 2007-2018

GENWORTH MORTGAGE INSURANCE CORPORATION OF NORTH CAROLINA

Loss Ratio of Countrywide Residential Experience 1991-2020



No data reported in Missouri for countrywide business for 2007-2018

# MGIC Indemnity Corporation

## Missouri Residential Experience

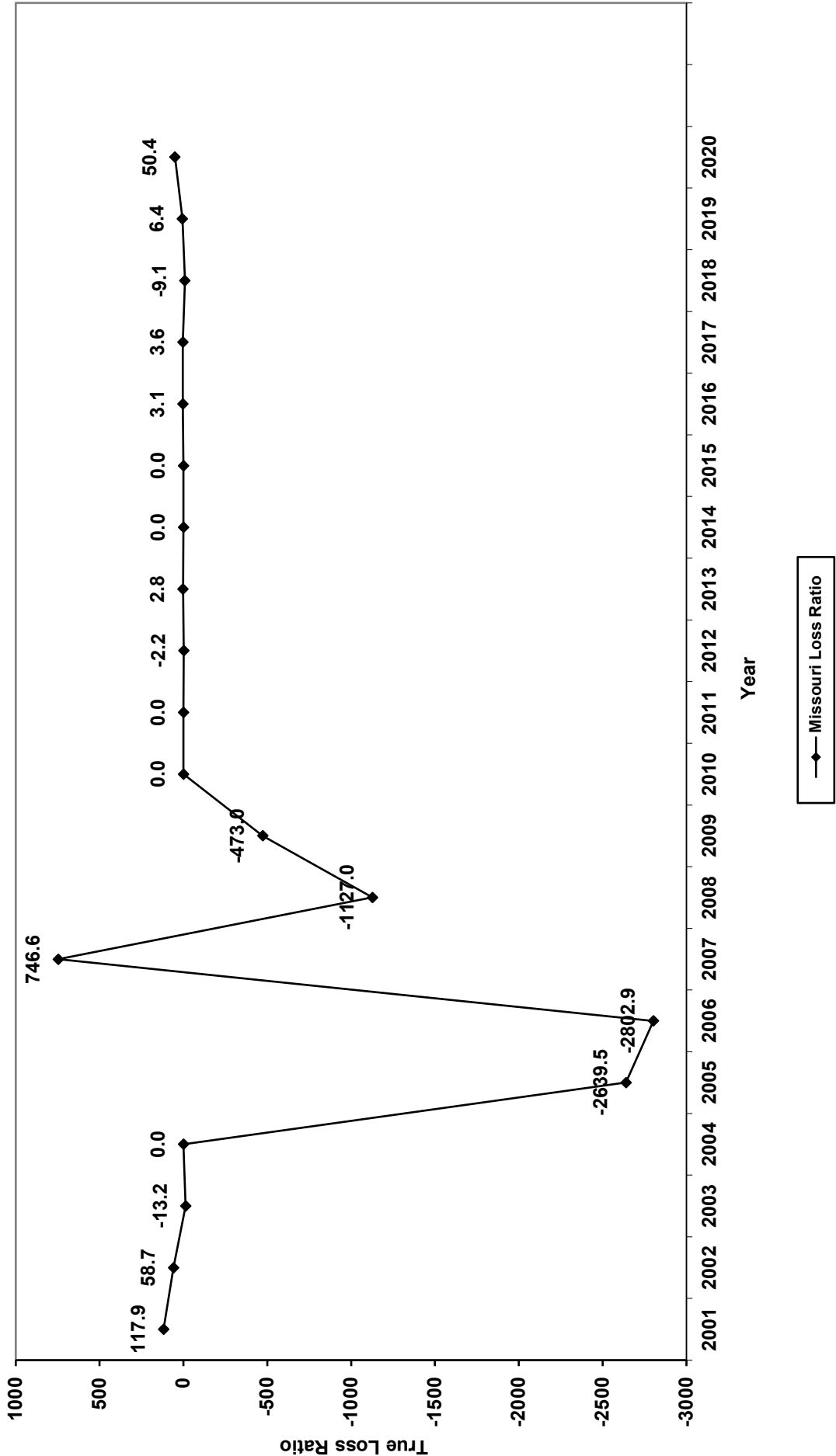
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2001	\$54,377	-\$490	\$0	\$64,594	\$0	117.89%	117.89%
2002	\$31,792	\$18,646	\$0	\$0	\$0	58.65%	58.65%
2003	\$14,627	-\$1,931	\$0	\$0	\$2,804	5.97%	-13.20%
2004	\$7,831	\$0	\$0	\$0	\$1,547	19.75%	0.00%
2005	\$3,667	\$7,211	-\$1,948	-\$102,053	\$767	-2618.57%	-2639.49%
2006	\$2,054	-\$50	-\$16,225	-\$41,296	\$225	-2791.92%	-2802.87%
2007	\$1,394	\$17,042	-\$5,995	-\$640	\$275	766.28%	746.56%
2008	\$985	\$0	-\$9,407	-\$1,694	\$20	-1124.97%	-1127.01%
2009	\$644	\$0	-\$2,471	-\$575	\$0	-472.98%	-472.98%
2010	\$470	\$0	\$0	\$0	\$0	0.00%	0.00%
2011	\$284	\$0	\$0	\$0	\$0	0.00%	0.00%
2012	\$8,982	-\$200	\$0	\$0	\$0	-2.23%	-2.23%
2013	\$863,418	\$0	\$23,603	\$328	\$0	2.77%	2.77%
2014	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2015	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2016	\$679,162	\$30,945	-\$9,315	-\$465	\$0	3.12%	3.12%
2017	\$456,668	\$19,001	-\$2,314	-\$116	\$0	3.63%	3.63%
2018	\$291,027	\$646	-\$25,896	-\$1,295	\$0	-9.12%	-9.12%
2019	\$183,892	\$0	\$11,909	-\$197	\$0	6.37%	6.37%
2020	\$105,977	\$0	\$50,467	\$2,894	\$0	50.35%	50.35%
TOTAL	\$2,707,251	\$90,820	\$12,408	-\$80,515	\$5,638	1.05%	0.84%

# MGIC Indemnity Corporation

## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2001	\$2,934,954	\$1,528,951	\$0	\$0	\$13,487	52.55%	52.09%
2002	\$1,816,293	\$784,576	\$0	\$0	\$0	43.20%	43.20%
2003	\$1,067,322	\$463,132	\$0	\$0	\$157,964	58.19%	43.39%
2004	\$605,112	\$237,433	\$0	\$0	\$103,656	56.37%	39.24%
2005	\$378,705	\$124,151	-\$409,732	-\$7,200,000	\$45,092	-1964.72%	-1976.63%
2006	\$248,510	\$98,499	-\$776,590	-\$2,400,000	\$15,499	-1232.38%	-1238.62%
2007	\$178,951	\$11,792	-\$705,453	-\$100,000	\$12,138	-436.72%	-443.51%
2008	\$128,850	-\$14,920	-\$94,025	\$0	\$3,405	-81.91%	-84.55%
2009	\$94,574	\$35,778	-\$59,807	-\$50,000	-\$26,286	-106.07%	-78.28%
2010	\$68,915	-\$19,279	-\$122,085	\$0	-\$68,177	-304.06%	-205.13%
2011	\$41,160	\$634	-\$88,669	\$0	-\$11,931	-242.87%	-213.88%
2012	\$3,049,630	\$21,868	\$34,508	\$2,500	\$3,001,898	100.37%	1.93%
2013	\$22,955,197	\$31,029	\$503,855	-\$43,300	\$9,995,979	45.69%	2.14%
2014	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2015	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2016	\$15,279,670	\$683,145	\$140,755	\$7,922	\$10,655,333	75.18%	5.44%
2017	\$10,951,284	\$350,763	\$141,751	\$7,330	\$5,463,004	54.45%	4.56%
2018	\$7,665,828	\$577,051	-\$1,066,495	-\$53,219	\$3,639,350	40.40%	-7.08%
2019	\$5,293,218	\$183,057	-\$76,491	-\$39,271	\$751,333	15.47%	1.27%
2020	\$3,963,850	\$218,179	\$718,165	\$60,553	\$749,108	44.05%	25.15%
TOTAL	\$76,722,023	\$5,315,839	-\$1,860,313	-\$9,807,485	\$34,500,852	36.69%	-8.28%

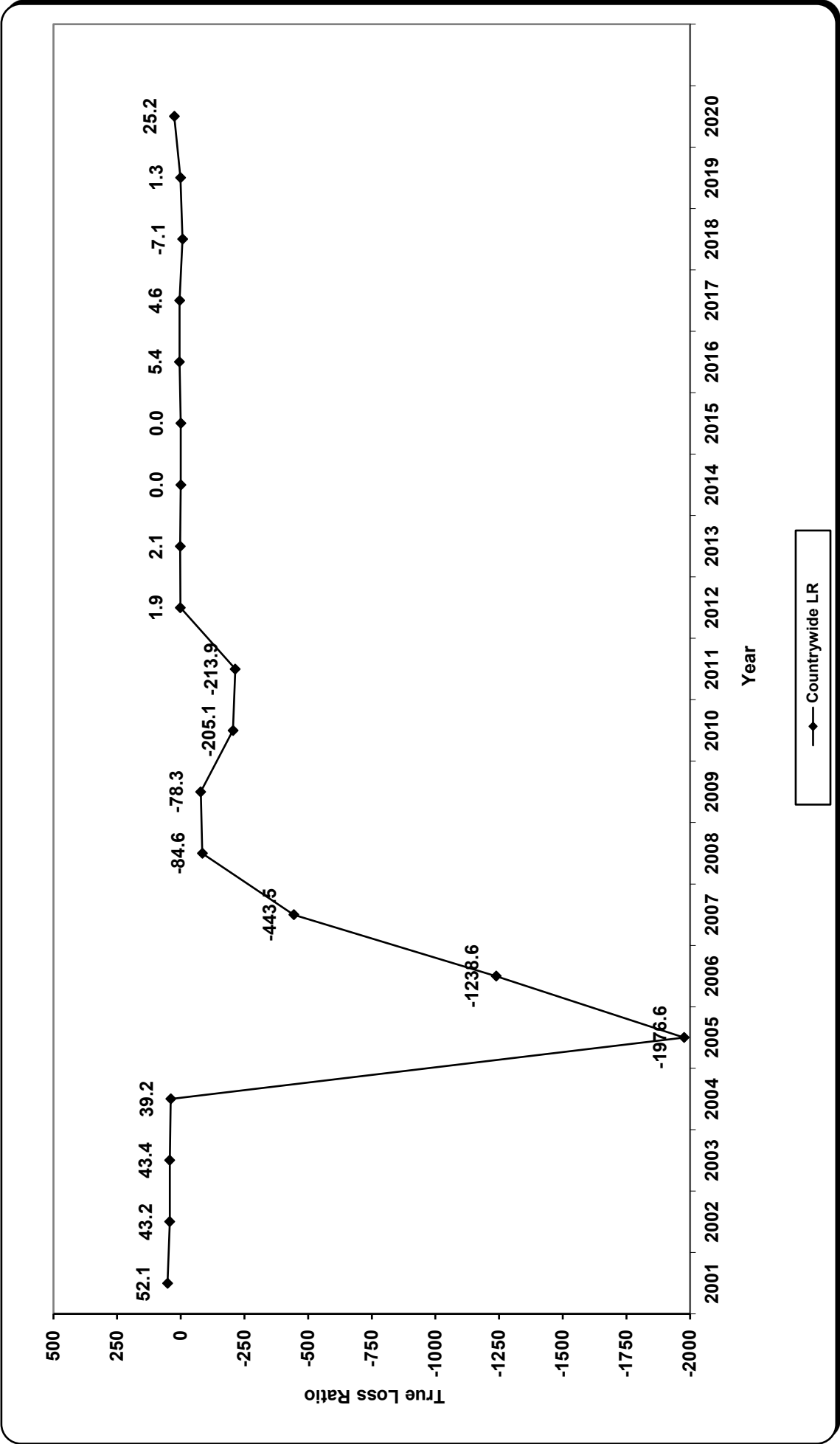
MGIC INDEMNITY CORPORATION  
Loss Ratio of Missouri Residential Experience 1991-2020



No data reported in Missouri for years 1991-2000, 2014 - 2015



MGIC INDEMNITY CORPORATION  
 Loss Ratio of Countrywide Residential Experience 1991-2020



No data reported in Missouri for countrywide business for years 1991-2000, 2014 - 2015

# Mortgage Guaranty Insurance Corporation

## Missouri Residential Experience

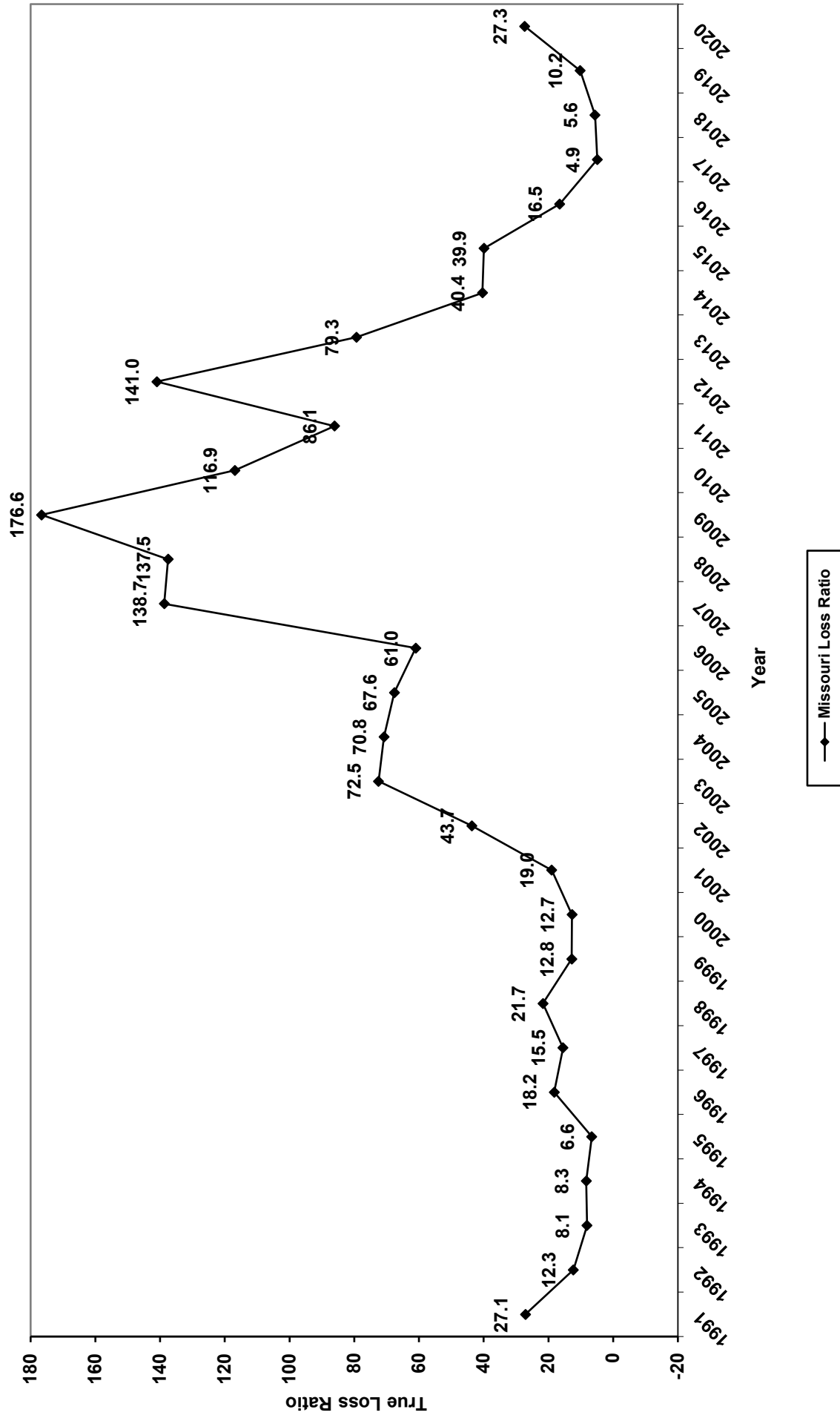
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$5,225,606	\$1,623,051	-\$208,485	\$0	\$2,612,803	77.07%	27.07%
1992	\$5,598,844	\$1,158,481	-\$526,997	\$56,761	\$2,799,421	62.29%	12.29%
1993	\$6,205,727	\$825,029	-\$310,542	-\$12,786	\$3,102,864	58.08%	8.08%
1994	\$6,997,268	\$589,478	-\$68,893	\$61,628	\$3,498,634	58.32%	8.32%
1995	\$8,575,833	\$456,869	\$77,177	\$35,489	\$3,816,737	51.15%	6.64%
1996	\$10,017,347	\$573,397	\$1,073,388	\$179,364	\$3,319,830	51.37%	18.23%
1997	\$11,170,096	\$984,526	\$634,284	\$113,190	\$4,463,914	55.47%	15.51%
1998	\$11,792,064	\$803,060	\$1,577,529	\$178,271	\$2,283,451	41.06%	21.70%
1999	\$12,855,943	\$1,408,426	\$236,224	\$0	\$3,673,571	41.37%	12.79%
2000	\$15,262,551	\$1,110,271	\$826,510	\$0	\$4,863,685	44.56%	12.69%
2001	\$18,137,632	\$2,393,891	\$892,063	\$164,895	\$6,456,013	54.62%	19.03%
2002	\$21,363,033	\$5,093,054	\$3,833,356	\$414,041	\$7,882,096	80.62%	43.72%
2003	\$24,837,134	\$11,012,941	\$6,178,951	\$820,444	\$3,099,228	85.00%	72.52%
2004	\$25,283,482	\$16,169,335	\$1,271,001	\$458,887	\$3,591,737	85.00%	70.79%
2005	\$24,843,552	\$16,144,518	\$1,384,760	-\$747,883	\$4,335,624	85.00%	67.55%
2006	\$24,047,651	\$15,918,903	-\$1,844,477	\$602,470	\$5,763,338	85.00%	61.03%
2007	\$26,564,588	\$18,092,885	\$16,539,829	\$2,206,938	-\$14,259,752	85.00%	138.68%
2008	\$30,098,400	\$23,237,286	\$18,118,221	\$33,025	-\$15,804,893	85.00%	137.51%
2009	\$27,392,641	\$28,118,438	\$19,401,379	\$845,819	-\$25,081,892	85.00%	176.56%
2010	\$22,538,871	\$36,597,953	-\$9,032,220	-\$1,215,955	-\$22,832,138	15.61%	116.91%
2011	\$20,890,080	\$40,481,957	-\$20,946,673	-\$1,554,368	\$0	86.07%	86.07%
2012	\$18,061,996	\$32,998,723	-\$6,919,488	-\$605,744	\$0	141.03%	141.03%
2013	\$15,716,230	\$21,188,776	-\$8,203,595	-\$524,371	\$0	79.29%	79.29%
2014	\$15,333,871	\$12,960,977	-\$6,429,522	-\$338,765	\$0	40.39%	40.39%
2015	\$16,291,451	\$9,033,259	-\$2,629,687	\$90,744	\$0	39.86%	39.86%
2016	\$17,238,187	\$7,891,566	-\$4,546,581	-\$509,537	\$0	16.45%	16.45%
2017	\$17,604,265	\$5,227,870	-\$4,199,412	-\$170,728	\$0	4.87%	4.87%
2018	\$18,831,547	\$3,538,958	-\$2,430,391	-\$47,029	\$0	5.64%	5.64%
2019	\$20,731,077	\$2,344,828	-\$207,322	-\$17,263	\$0	10.23%	10.23%
2020	\$22,440,075	\$1,291,389	\$4,716,443	\$108,090	\$0	27.25%	27.25%
TOTAL	\$521,947,042	\$319,270,095	\$8,256,830	\$625,627	-\$12,415,729	60.49%	62.87%

# Mortgage Guaranty Insurance Corporation

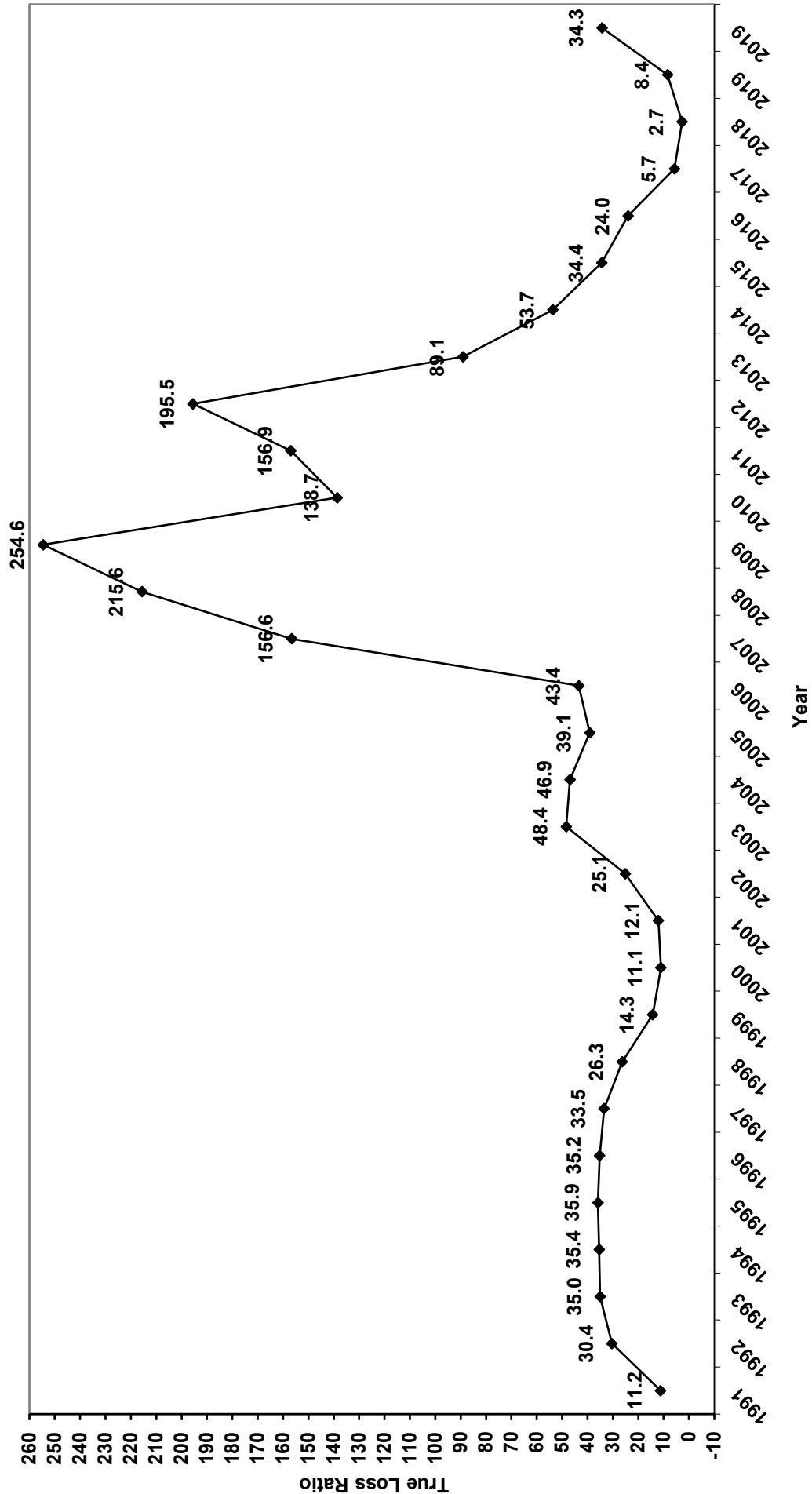
## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$249,083,716	\$48,926,129	-\$21,121,484	\$0	\$85,131,060	45.34%	11.16%
1992	\$295,145,178	\$63,824,234	\$19,754,902	\$6,200,000	\$107,963,000	67.00%	30.42%
1993	\$361,675,819	\$81,543,292	\$41,202,031	\$3,800,000	\$130,932,444	71.19%	34.99%
1994	\$425,487,381	\$88,925,256	\$44,196,705	\$17,500,000	\$138,920,537	68.05%	35.40%
1995	\$521,759,762	\$97,001,976	\$73,090,199	\$16,950,000	\$186,615,833	71.61%	35.85%
1996	\$625,545,331	\$119,781,377	\$85,685,345	\$14,550,000	\$219,544,806	70.27%	35.17%
1997	\$711,525,212	\$151,674,283	\$72,966,005	\$13,375,000	\$275,211,497	72.13%	33.45%
1998	\$766,201,520	\$141,622,387	\$60,176,593	\$0	\$343,409,961	71.16%	26.34%
1999	\$807,050,595	\$115,108,064	\$0	\$0	\$342,769,448	56.73%	14.26%
2000	\$921,370,093	\$102,000,224	\$0	\$0	\$382,449,849	52.58%	11.07%
2001	\$1,074,310,080	\$117,427,257	\$3,763,398	\$8,400,000	\$446,882,205	53.66%	12.06%
2002	\$1,279,694,528	\$201,239,020	\$105,705,831	\$14,500,000	\$500,099,308	64.20%	25.12%
2003	\$1,472,844,818	\$385,807,418	\$286,554,005	\$39,800,000	\$351,378,669	72.21%	48.35%
2004	\$1,436,020,050	\$536,212,720	\$107,384,784	\$29,400,000	\$249,819,061	64.26%	46.87%
2005	\$1,364,349,254	\$576,003,269	\$4,915,199	-\$47,700,000	\$266,718,417	58.63%	39.08%
2006	\$1,327,255,739	\$573,900,924	-\$35,813,421	\$38,300,000	\$251,826,715	62.40%	43.43%
2007	\$1,441,146,031	\$827,941,355	\$1,263,228,618	\$166,208,226	-\$1,209,512,750	72.71%	156.64%
2008	\$1,610,231,249	\$1,370,014,077	\$2,029,523,502	\$72,000,000	-\$1,115,009,302	146.35%	215.59%
2009	\$1,374,243,631	\$1,644,093,391	\$1,771,541,614	\$82,500,000	-\$1,653,657,097	134.22%	254.55%
2010	\$1,138,213,936	\$2,369,454,661	-\$692,058,073	-\$98,200,000	-\$405,797,297	103.09%	138.74%
2011	\$1,174,601,929	\$3,034,266,132	-\$1,097,975,789	-\$93,000,000	\$0	156.93%	156.93%
2012	\$1,063,768,423	\$2,563,767,030	-\$591,168,870	\$106,866,774	\$0	195.48%	195.48%
2013	\$948,452,921	\$1,820,052,768	-\$879,784,519	-\$95,475,000	\$0	89.07%	89.07%
2014	\$957,413,577	\$1,158,189,894	-\$572,806,569	-\$71,075,000	\$247,218,611	79.54%	53.72%
2015	\$1,014,239,104	\$844,633,930	-\$454,468,449	-\$40,875,000	\$443,876,370	78.20%	34.44%
2016	\$1,054,673,785	\$706,970,441	-\$366,209,474	-\$87,575,000	\$490,391,258	70.50%	24.01%
2017	\$1,062,865,866	\$509,727,932	-\$429,565,061	-\$19,450,000	\$472,644,563	50.18%	5.71%
2018	\$1,087,930,422	\$338,038,326	-\$302,499,420	-\$6,700,000	\$484,201,259	47.16%	2.65%
2019	\$1,149,041,083	\$227,047,556	-\$124,444,650	-\$6,200,000	\$555,908,311	56.77%	8.39%
2020	\$1,175,242,771	\$99,904,924	\$297,898,696	\$5,540,000	\$558,504,390	81.84%	34.32%
TOTAL	\$29,891,383,804	\$20,915,100,247	\$699,671,648	\$69,640,000	\$3,148,441,126	83.08%	72.54%

**MORTGAGE GUARANTY INSURANCE CORPORATION**  
**Loss Ratio of Missouri Residential Experience 1991-2020**



**MORTGAGE GUARANTY INSURANCE CORPORATION**  
**Loss Ratio of Countrywide Residential Experience 1991-2020**



# National Mortgage Insurance Corporation

## Missouri Residential Experience

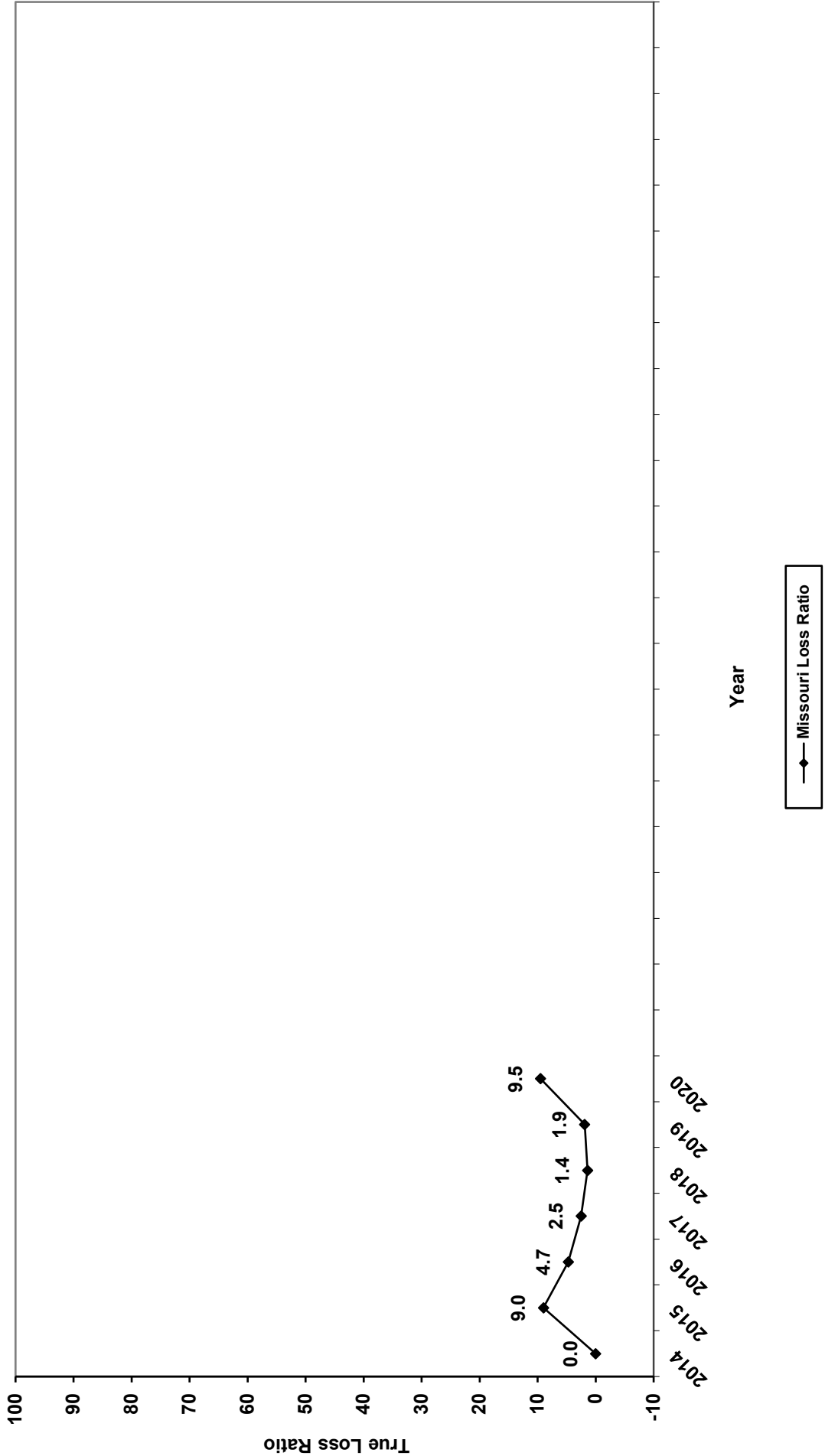
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2014	\$56,762	\$0	\$0	\$0	\$28,381	50.00%	0.00%
2015	\$560,735	\$50,312	\$0	\$0	\$0	8.97%	8.97%
2016	\$2,011,656	\$40,709	\$50,828	\$3,812	\$1,005,828	54.74%	4.74%
2017	\$3,129,408	\$24,219	\$51,491	\$3,862	\$1,564,704	52.54%	2.54%
2018	\$4,873,556	\$80,424	-\$12,057	-\$1,104	\$2,436,778	51.38%	1.38%
2019	\$6,749,936	\$66,103	\$56,152	\$4,408	\$3,374,968	51.88%	1.88%
2020	\$7,738,544	\$59,339	\$626,207	\$46,970	\$3,869,272	59.47%	9.47%
TOTAL	\$25,120,597	\$321,106	\$772,621	\$57,948	\$12,279,931	53.47%	4.58%

# National Mortgage Insurance Corporation

## Countrywide Residential Experience

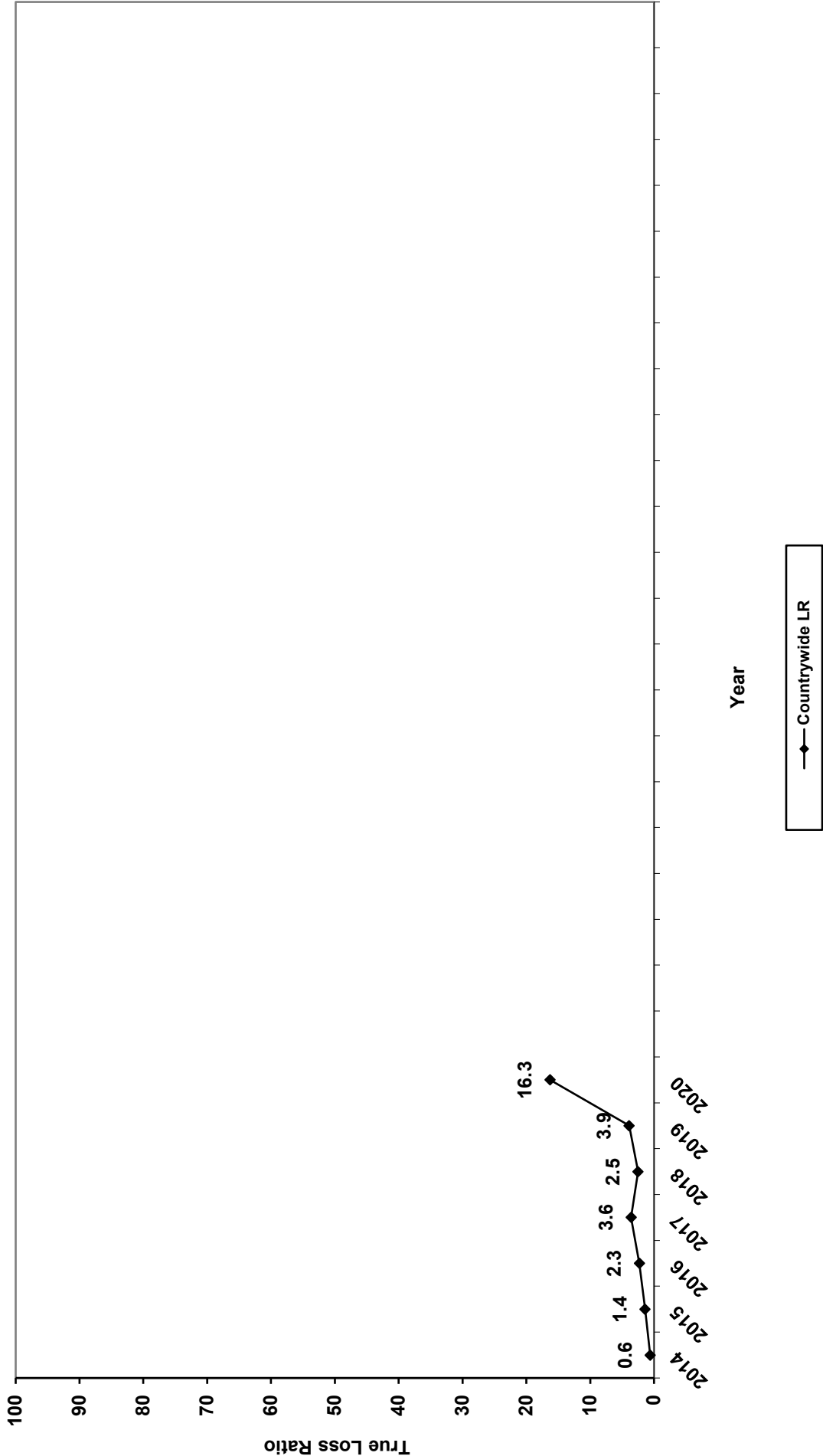
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2014	\$13,406,621	\$0	\$80,281	\$3,045	\$6,204,690	46.90%	0.62%
2015	\$45,506,463	\$53,906	\$551,360	\$44,328	\$20,959,048	47.48%	1.43%
2016	\$115,829,692	\$360,403	\$2,094,089	\$157,057	\$54,954,900	49.70%	2.25%
2017	\$192,325,509	\$1,247,842	\$5,278,182	\$395,863	\$95,898,126	53.46%	3.60%
2018	\$292,064,497	\$3,126,616	\$3,812,318	\$259,657	\$145,642,032	52.33%	2.46%
2019	\$398,302,677	\$4,942,580	\$9,947,169	\$771,758	\$198,593,527	53.79%	3.93%
2020	\$472,997,283	\$6,320,472	\$61,260,173	\$4,590,188	\$235,953,462	65.14%	15.26%
TOTAL	\$1,530,432,742	\$16,051,819	\$83,023,572	\$6,221,896	\$758,205,785	56.42%	6.88%

**NATIONAL MORTGAGE INSURANCE CORPORATION**  
**Loss Ratio of Missouri Residential Experience 1991-2020**



No data reported in Missouri for years 1991-2013

**NATIONAL MORTGAGE INSURANCE CORPORATION**  
**Loss Ratio of Countrywide Residential Experience 1991-2020**



No data reported in Missouri for countrywide business for years 1991-2013



# PMI Insurance Company

## Missouri Residential Experience

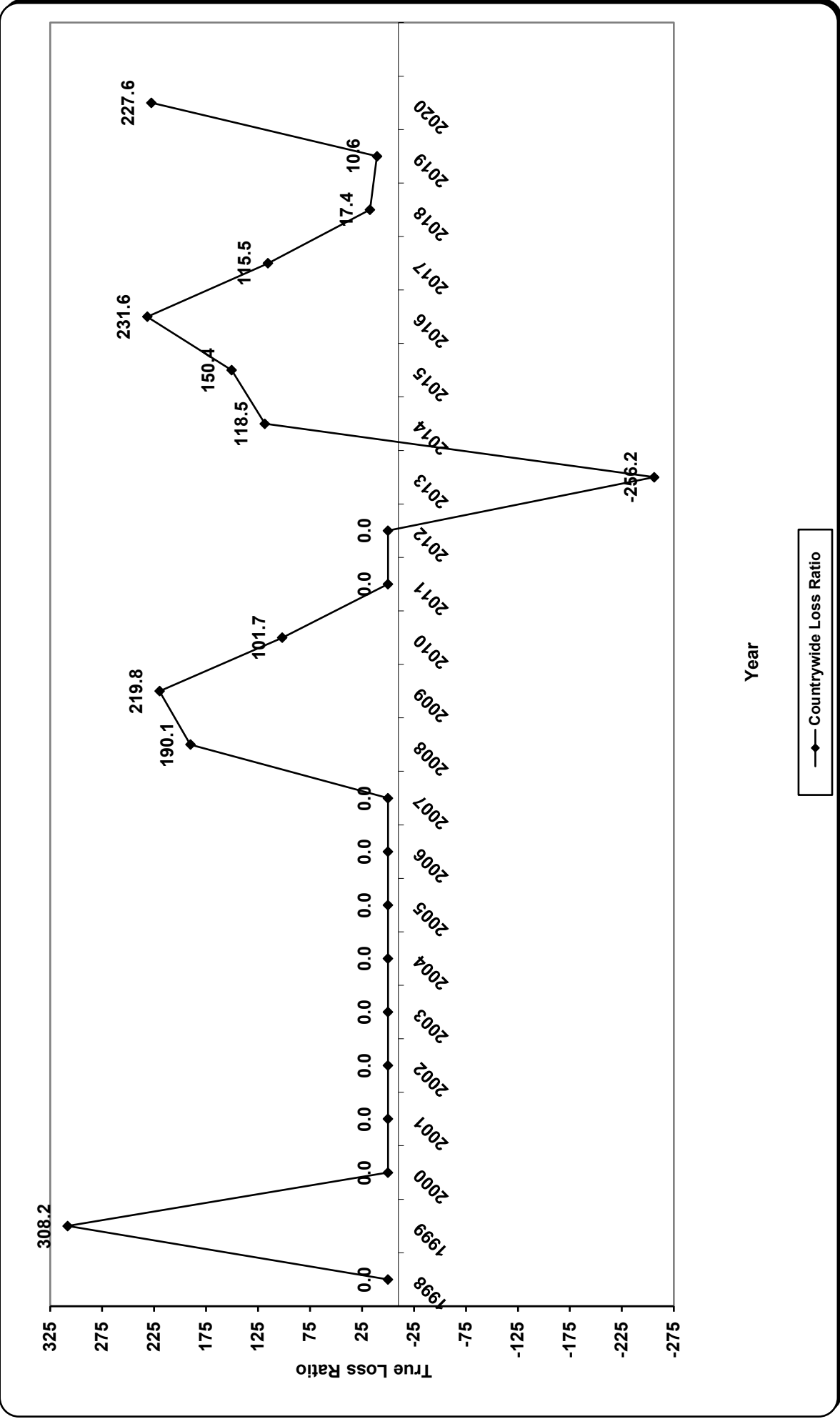
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
2008	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2009	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2010	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2011	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2012	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2013	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2014	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2015	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2016	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2017	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2018	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2019	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2020	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A

# PMI Insurance Company

## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1998	\$8,276	\$0	\$0	\$0	\$34,568,737	417698.61%	0.00%
1999	\$4,263	\$13,140	\$0	\$0	\$54,279,261	1273572.62%	308.23%
2000	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2001	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2002	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2003	\$0	\$0	\$0	\$0	\$170,022,951	N/A	N/A
2004	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2005	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2006	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2007	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2008	\$5,143,583	\$0	\$9,438,287	\$340,729	\$134,050,428	2796.29%	190.12%
2009	\$8,441,313	\$114,568	\$17,732,999	\$705,762	-\$134,050,428	-1368.24%	219.79%
2010	\$8,071,805	\$1,384,948	\$5,485,040	\$1,340,644	\$0	101.72%	101.72%
2011	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2012	\$0	\$0	\$0	\$0	\$0	N/A	N/A
2013	\$6,033,623	\$3,755,683	-\$15,121,219	-\$4,095,337	\$2,838,012	-209.21%	-256.25%
2014	\$4,370,548	\$4,826,864	\$259,574	\$90,498	-\$450,888	108.13%	118.45%
2015	\$3,914,338	\$4,630,590	\$1,094,673	\$161,892	\$4,502,626	265.43%	150.40%
2016	\$2,724,082	\$7,302,060	-\$768,630	-\$225,142	\$10,586,370	620.20%	231.57%
2017	\$2,707,606	\$6,761,010	-\$3,541,208	-\$91,773	\$10,640,583	508.52%	115.53%
2018	\$1,376,659	\$5,386,622	-\$4,743,432	-\$404,175	\$8,426,020	629.42%	17.36%
2019	\$1,126,824	\$3,498,211	-\$3,341,051	-\$38,007	\$6,689,485	604.23%	10.57%
2020	\$903,224	\$1,689,957	\$425,686	-\$59,905	\$4,227,656	695.66%	227.60%
TOTAL	\$44,826,144	\$39,363,653	\$6,920,719	-\$2,274,814	\$306,330,813	781.55%	98.18%

PMI INSURANCE COMPANY  
Loss Ratio of Countrywide Residential Experience 1991 - 2020



No data reported in Missouri for countrywide business for years 1991-1997, 2000-2002, 2004-2007 and 2011-2012

# Radian Guaranty, Inc.

## Missouri Residential Experience

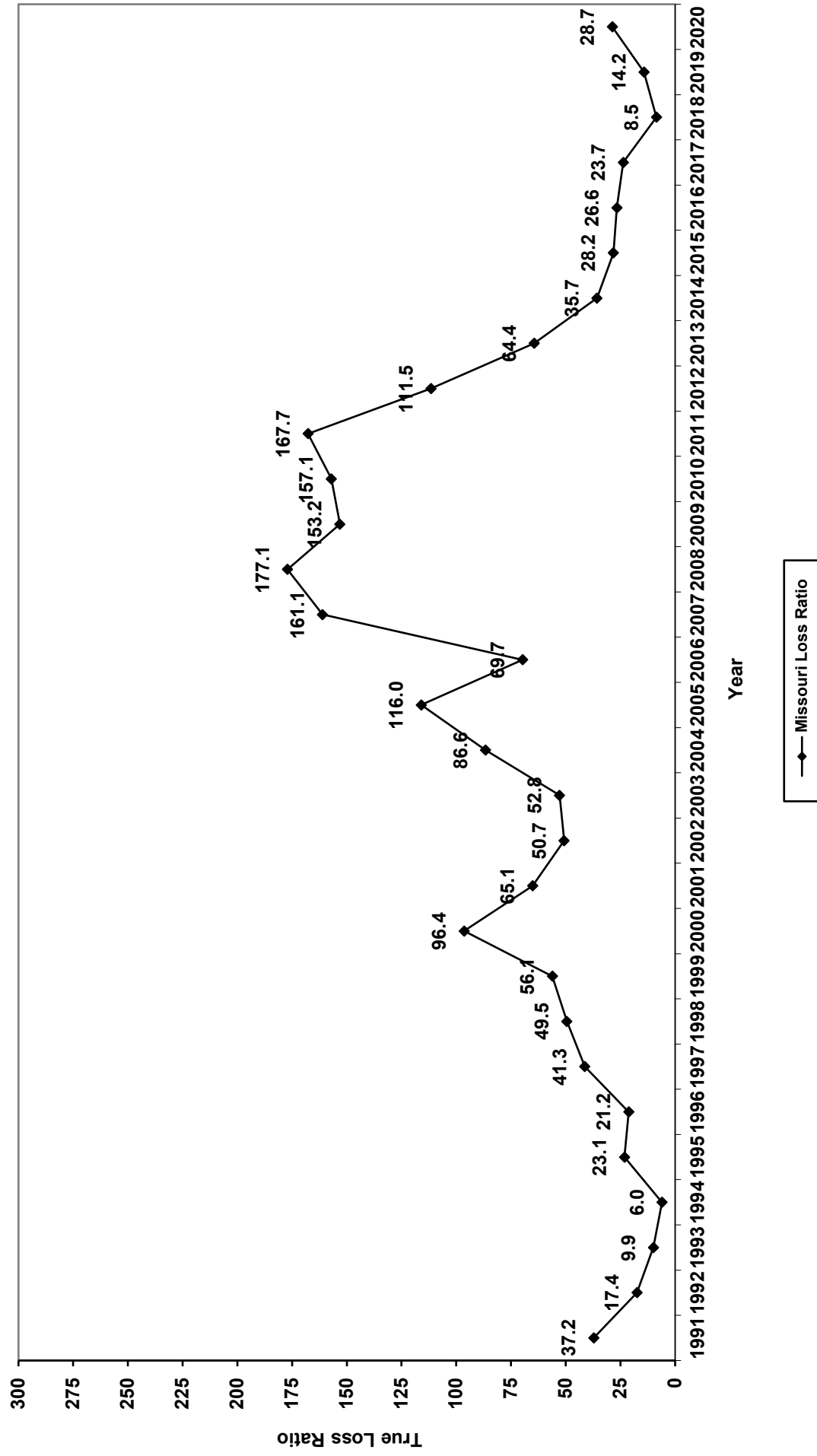
YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$279,864	\$88,176	\$8,227	\$7,724	\$34,045	49.37%	37.21%
1992	\$428,027	\$377	\$39,526	\$34,494	\$74,082	34.69%	17.38%
1993	\$526,237	\$107,015	-\$29,393	-\$25,503	\$49,105	19.24%	9.90%
1994	\$739,147	\$30,683	\$7,172	\$6,209	\$106,455	20.36%	5.96%
1995	\$1,034,073	\$64,252	\$89,503	\$84,881	\$147,463	37.34%	23.08%
1996	\$1,463,795	\$161,926	\$89,885	\$57,724	\$214,861	35.82%	21.15%
1997	\$2,082,563	\$124,956	\$388,876	\$346,709	\$309,384	56.18%	41.32%
1998	\$2,773,398	\$210,695	\$609,409	\$552,857	\$345,418	61.96%	49.50%
1999	\$3,326,234	\$386,368	\$827,484	\$652,835	\$276,418	64.43%	56.12%
2000	\$4,229,651	\$775,365	\$1,703,844	\$1,596,542	\$451,709	107.04%	96.36%
2001	\$4,300,250	\$1,532,526	\$1,028,636	\$237,949	\$35,300	65.91%	65.09%
2002	\$8,180,287	\$2,815,090	\$739,018	\$596,554	\$1,940,019	74.46%	50.74%
2003	\$8,844,289	\$5,242,828	-\$194,184	-\$376,860	\$332,001	56.58%	52.82%
2004	\$10,660,642	\$6,779,011	\$1,110,520	\$1,345,897	\$908,177	95.15%	86.63%
2005	\$11,965,123	\$7,278,360	\$3,127,586	\$3,478,391	\$4,687,037	155.21%	116.04%
2006	\$14,003,435	\$8,390,329	\$1,051,249	\$320,046	\$3,932,783	97.79%	69.71%
2007	\$14,881,386	\$11,228,578	\$5,306,657	\$7,435,711	-\$6,723,312	115.90%	161.08%
2008	\$15,612,537	\$15,262,371	\$1,343,528	\$11,049,773	-\$18,979,556	55.57%	177.14%
2009	\$14,016,568	\$14,785,849	\$1,996,175	\$4,689,572	-\$7,556,787	99.27%	153.19%
2010	\$13,055,858	\$24,036,840	\$2,950,716	-\$6,480,207	-\$11,948,694	65.55%	157.07%
2011	\$10,977,017	\$21,794,604	\$1,541,196	-\$4,932,675	-\$302,841	164.89%	167.65%
2012	\$11,559,891	\$13,853,360	-\$275,754	-\$689,110	\$0	111.49%	111.49%
2013	\$11,628,384	\$16,392,923	-\$3,582,263	-\$5,318,618	\$344,128	67.39%	64.43%
2014	\$11,977,416	\$10,857,178	\$3,031,006	-\$3,556,231	\$4,817,077	75.87%	35.65%
2015	\$12,629,418	\$7,473,404	-\$687,912	-\$3,221,511	\$6,103,211	76.55%	28.22%
2016	\$12,845,524	\$5,542,799	-\$1,025,527	-\$1,101,408	\$5,146,787	66.66%	26.59%
2017	\$12,287,470	\$4,332,221	-\$661,454	-\$761,244	\$5,050,549	64.78%	23.68%
2018	\$13,057,863	\$2,335,326	-\$54,646	-\$1,168,934	\$5,433,667	50.13%	8.51%
2019	\$15,268,249	\$1,788,946	-\$50,361	\$431,941	\$6,231,163	55.03%	14.22%
2020	\$16,850,341	\$1,041,944	-\$247,241	\$4,038,874	\$11,066,154	94.36%	28.69%
TOTAL	\$261,484,937	\$184,714,300	\$14,119,466	\$9,332,382	\$12,525,803	84.40%	79.61%

# Radian Guaranty, Inc.

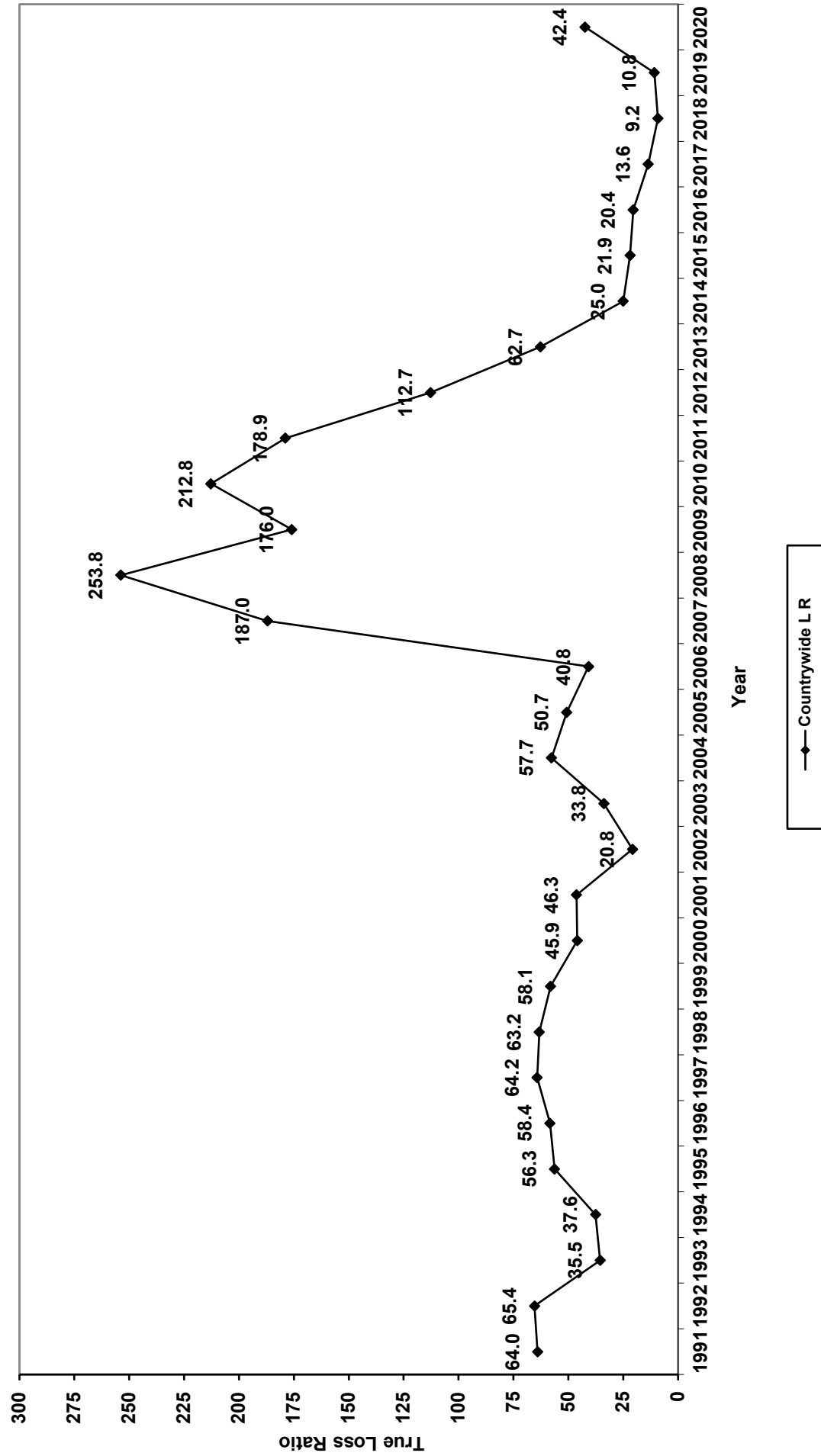
## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$60,165,806	\$32,020,420	\$1,983,197	\$4,503,882	\$12,733,464	85.17%	64.00%
1992	\$69,512,781	\$26,586,464	\$9,568,234	\$9,335,738	\$24,718,272	101.00%	65.44%
1993	\$84,377,360	\$28,862,554	\$882,672	\$167,162	\$37,557,183	79.96%	35.45%
1994	\$113,885,336	\$31,931,979	\$5,760,522	\$5,078,671	\$51,355,545	82.65%	37.56%
1995	\$143,927,469	\$37,908,119	\$20,693,070	\$22,423,611	\$55,504,672	94.86%	56.30%
1996	\$201,543,098	\$55,140,612	\$39,039,275	\$23,597,097	\$65,668,832	91.02%	58.44%
1997	\$256,633,475	\$81,105,612	\$41,768,949	\$41,953,438	\$83,906,638	96.92%	64.23%
1998	\$311,798,036	\$84,654,691	\$57,752,693	\$54,532,542	\$103,473,611	96.35%	63.16%
1999	\$350,563,079	\$71,525,198	\$75,802,075	\$56,172,783	\$145,681,216	99.61%	58.05%
2000	\$421,671,092	\$72,838,985	\$57,752,392	\$62,966,527	\$185,417,369	89.87%	45.90%
2001	\$543,713,945	\$79,652,900	\$125,968,877	\$46,025,891	\$549,586,730	147.36%	46.28%
2002	\$686,073,814	\$151,585,666	-\$7,255,207	-\$1,636,741	\$303,611,119	65.05%	20.80%
2003	\$736,186,228	\$252,136,342	\$9,654,381	-\$12,976,402	\$264,743,427	69.76%	33.80%
2004	\$772,822,234	\$323,798,850	\$45,500,330	\$76,754,620	\$261,696,652	91.58%	57.72%
2005	\$805,847,633	\$289,002,586	\$35,210,324	\$84,566,896	\$305,525,201	88.64%	50.73%
2006	\$823,025,169	\$276,098,352	\$41,674,671	\$17,795,920	\$231,142,003	68.86%	40.77%
2007	\$861,266,148	\$419,244,367	\$624,333,836	\$567,303,523	-\$389,114,386	141.86%	187.04%
2008	\$909,524,528	\$726,496,048	\$171,495,731	\$1,410,457,435	-\$1,105,673,398	132.24%	253.81%
2009	\$853,615,938	\$968,300,186	\$159,516,341	\$374,748,371	-\$440,228,317	124.45%	176.02%
2010	\$820,492,846	\$1,675,183,809	\$336,617,765	-\$265,577,446	-\$750,913,321	121.31%	212.83%
2011	\$711,315,606	\$1,535,972,011	-\$21,480,606	-\$241,820,122	-\$19,624,257	176.16%	178.92%
2012	\$773,262,302	\$1,021,623,764	\$69,204,192	-\$219,149,038	\$0	112.73%	112.73%
2013	\$864,136,526	\$1,443,931,122	-\$412,326,652	-\$489,948,739	\$23,019,362	65.35%	62.68%
2014	\$911,114,278	\$831,040,939	-\$185,636,949	-\$417,970,517	\$366,431,947	65.18%	24.96%
2015	\$975,487,046	\$764,328,153	-\$134,591,415	-\$416,133,695	\$471,407,579	70.22%	21.90%
2016	\$997,668,179	\$411,964,833	-\$54,805,089	-\$153,249,550	\$399,733,416	60.51%	20.44%
2017	\$988,678,829	\$381,219,851	-\$21,310,120	-\$225,339,080	\$406,379,074	54.71%	13.61%
2018	\$1,064,270,961	\$204,285,404	-\$6,308,176	-\$100,150,537	\$442,866,769	50.80%	9.19%
2019	\$1,219,999,203	\$126,888,369	-\$4,317,839	\$9,225,823	\$497,896,926	51.61%	10.80%
2020	\$1,242,857,218	\$95,110,802	-\$14,412,921	\$445,926,548	\$789,542,419	105.90%	42.37%
TOTAL	\$19,575,436,163	\$12,500,438,988	\$1,067,734,553	\$769,584,611	\$3,374,045,747	90.48%	73.24%

**RADIAN GUARANTY, INC**  
**Loss Ratio of Missouri Residential Experience 1991-2020**



# RADIAN GUARANTY, INC Loss Ratio of Countrywide Residential Experience 1991-2020



# United Guaranty Residential Insurance Company

## Missouri Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$1,574,739	\$365,950	\$12,659	\$33,979	\$290,904	44.67%	26.20%
1992	\$2,145,543	\$434,941	-\$138,884	\$59,244	\$594,171	44.25%	16.56%
1993	\$2,495,456	\$337,403	\$18,020	-\$74,744	\$1,233,247	60.67%	11.25%
1994	\$3,172,338	\$193,209	-\$98,716	\$17,352	\$1,561,455	52.75%	3.53%
1995	\$4,254,268	\$104,028	\$128,974	\$348,796	\$2,082,278	62.62%	13.68%
1996	\$5,452,037	\$156,448	\$106,674	\$292,432	\$2,586,862	57.64%	10.19%
1997	\$6,173,862	\$426,824	\$639,416	\$173,029	\$2,445,001	59.68%	20.07%
1998	\$6,572,981	\$459,571	\$54,811	-\$41,796	\$2,848,243	50.52%	7.19%
1999	\$7,107,118	\$326,522	\$190,397	\$268,761	\$2,889,979	51.72%	11.05%
2000	\$8,302,204	\$553,246	\$268,318	-\$239,521	\$3,138,089	44.81%	7.01%
2001	\$9,406,600	\$633,192	\$1,044,126	-\$354,341	\$3,372,355	49.92%	14.06%
2002	\$9,875,320	\$1,242,034	\$276,661	\$355,342	\$3,275,882	52.15%	18.98%
2003	\$10,646,877	\$1,669,717	\$658,677	-\$691,952	\$2,488,841	38.75%	15.37%
2004	\$12,455,728	\$2,145,206	\$1,364,455	-\$521,404	\$10,637,729	109.40%	23.99%
2005	\$13,568,646	\$3,576,188	\$1,182,147	-\$1,183,788	\$3,633,817	53.13%	26.34%
2006	\$14,558,309	\$4,597,997	-\$585,586	\$337,068	\$4,310,686	59.49%	29.88%
2007	\$16,776,466	\$5,930,429	\$4,067,469	\$1,952,967	-\$16,297,635	-25.91%	71.24%
2008	\$18,503,524	\$11,066,232	\$17,629,134	\$2,573,584	-\$18,167,955	70.80%	168.99%
2009	\$16,791,278	\$10,090,439	\$20,047,213	\$208,284	\$2,465,154	195.41%	180.72%
2010	\$15,144,939	\$26,300,974	-\$16,853,756	-\$1,736,931	\$27,343	51.09%	50.91%
2011	\$14,090,670	\$22,016,297	-\$7,966,661	-\$226,950	\$5,319,001	135.85%	98.10%
2012	\$16,518,133	\$18,708,527	-\$6,056,117	-\$423,082	-\$8,139,009	24.76%	74.04%
2013	\$19,942,000	\$12,767,740	-\$4,976,992	-\$216,777	\$3,497,821	55.52%	37.98%
2014	\$22,974,663	\$7,347,676	-\$2,175,186	-\$106,300	\$10,203,880	66.46%	22.05%
2015	\$25,610,668	\$5,464,272	-\$2,344,176	-\$161,494	\$9,773,529	49.71%	11.55%
2016	\$25,532,923	\$4,415,118	-\$719,779	-\$177,614	\$8,758,183	48.08%	13.78%
2017	\$20,063,566	\$3,316,705	-\$2,596,524	-\$36,967	\$5,695,517	31.79%	3.41%
2018	\$16,733,899	\$2,043,286	-\$717,169	-\$126,436	\$4,069,950	31.49%	7.17%
2019	\$13,359,808	\$1,365,354	-\$734,897	-\$71,488	\$3,859,023	33.07%	4.18%
2020	\$10,768,729	\$1,062,459	\$1,826,087	-\$28,994	\$3,055,638	54.93%	26.55%
TOTAL	\$370,573,292	\$149,117,984	\$3,550,795	\$200,259	\$61,509,979	57.85%	41.25%

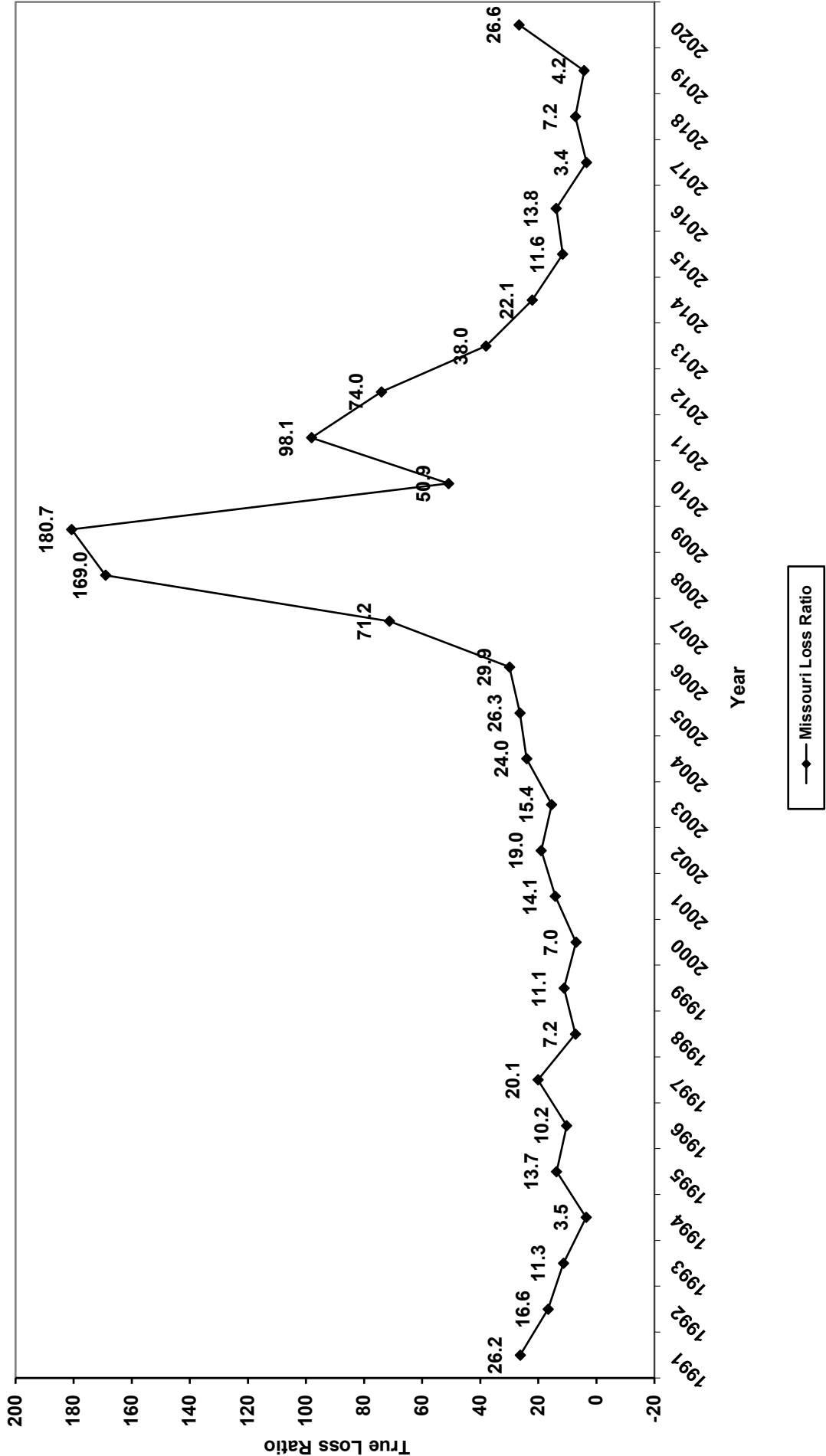


# United Guaranty Residential Insurance Company

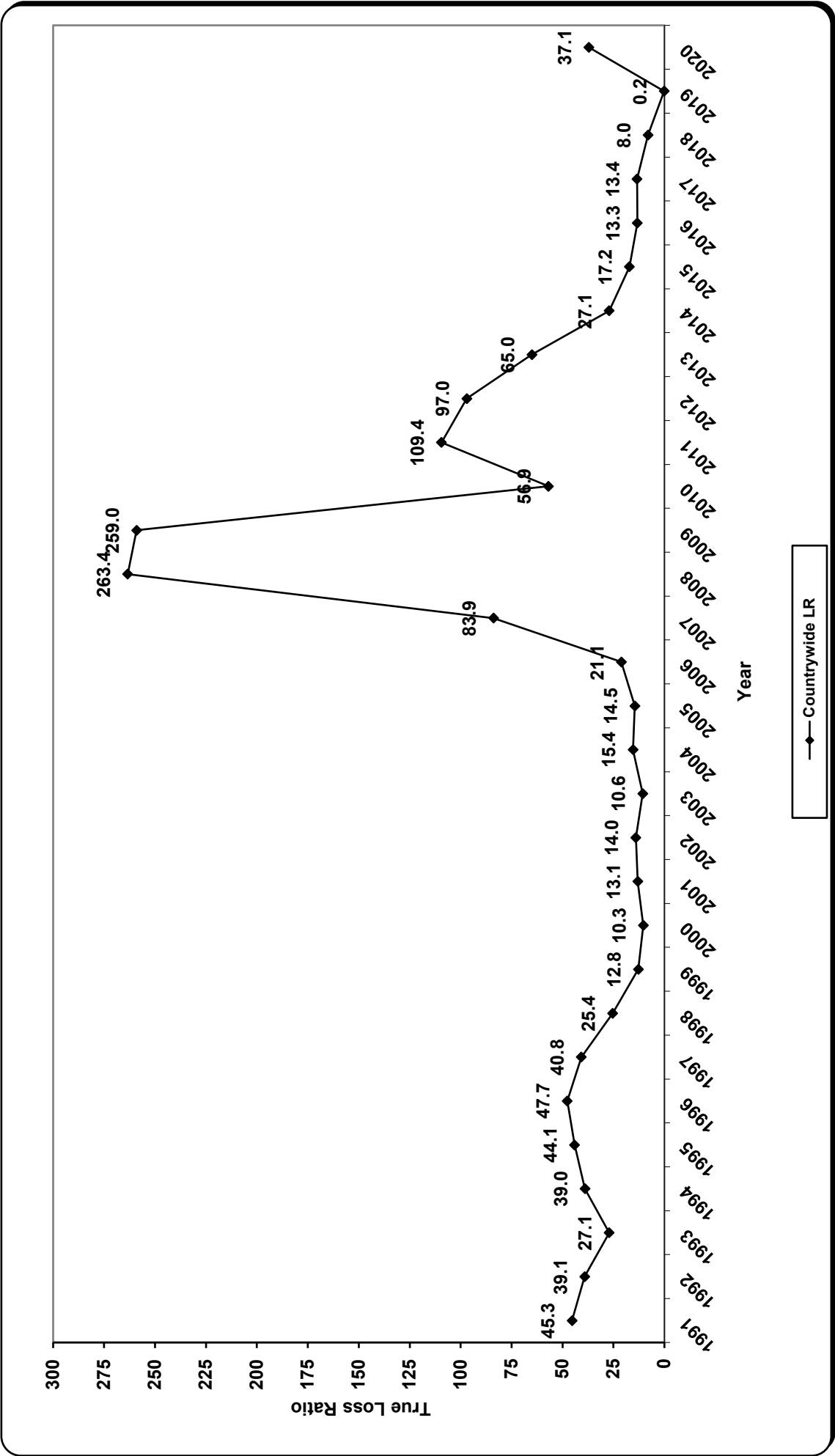
## Countrywide Residential Experience

YEARS	PREMIUM EARNED	LOSSES PAID	CHANGE IN OUTSTANDING CLAIM RESERVE	CHANGE IN IBNR RESERVE	CHANGE IN CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
1991	\$102,829,761	\$37,151,349	\$5,428,524	\$4,028,476	\$18,995,915	63.80%	45.33%
1992	\$122,237,816	\$37,012,899	\$46,937	\$10,716,063	\$33,851,620	66.78%	39.08%
1993	\$150,178,915	\$45,947,351	\$4,155,423	-\$9,484,123	\$74,217,960	76.47%	27.05%
1994	\$202,461,407	\$59,696,702	\$9,633,616	\$9,698,084	\$93,150,450	85.04%	39.03%
1995	\$244,030,986	\$70,809,013	\$25,013,729	\$11,670,671	\$100,193,179	85.11%	44.05%
1996	\$314,507,817	\$98,677,046	\$35,772,607	\$15,689,993	\$110,171,666	82.77%	47.74%
1997	\$346,590,865	\$108,328,519	\$25,405,671	\$7,734,329	\$137,819,881	80.58%	40.82%
1998	\$377,450,995	\$82,790,189	\$13,224,591	-\$68,591	\$167,997,601	69.93%	25.42%
1999	\$415,405,811	\$52,720,106	\$529,879	\$35,121	\$168,917,118	53.49%	12.83%
2000	\$482,897,610	\$38,072,670	\$29,316,317	-\$17,893,632	\$182,526,912	48.05%	10.25%
2001	\$532,017,229	\$40,321,311	\$58,983,050	-\$29,744,735	\$190,733,191	48.93%	13.07%
2002	\$545,623,441	\$57,043,648	\$7,641	\$19,451,437	\$180,996,461	47.19%	14.02%
2003	\$550,747,715	\$72,690,416	\$37,643,235	-\$51,953,971	\$128,744,178	33.98%	10.60%
2004	\$580,565,623	\$98,345,396	\$20,852,005	-\$29,607,241	\$495,828,086	100.84%	15.43%
2005	\$581,088,482	\$114,437,198	\$15,334,008	-\$45,364,214	\$155,621,197	41.31%	14.53%
2006	\$602,739,342	\$125,470,801	-\$9,417,778	\$10,881,044	\$178,469,893	50.67%	21.06%
2007	\$684,323,160	\$196,985,146	\$279,490,871	\$97,560,048	-\$664,791,345	-13.26%	83.88%
2008	\$779,762,108	\$489,202,765	\$1,377,053,248	\$187,305,145	-\$765,620,783	165.17%	263.36%
2009	\$723,497,885	\$471,193,293	\$1,389,219,172	\$13,395,568	\$106,217,846	273.67%	258.99%
2010	\$635,238,251	\$1,239,584,003	-\$773,463,042	-\$104,524,953	\$1,146,859	57.10%	56.92%
2011	\$600,405,624	\$1,186,758,756	-\$517,350,532	-\$12,773,240	\$226,643,434	147.11%	109.37%
2012	\$586,590,277	\$1,367,553,071	-\$751,433,354	-\$47,213,336	-\$289,031,657	47.71%	96.99%
2013	\$681,263,307	\$836,242,603	-\$377,278,060	-\$16,018,019	\$119,493,392	82.56%	65.02%
2014	\$768,215,110	\$450,673,031	-\$231,287,433	-\$10,951,108	\$341,192,145	71.55%	27.13%
2015	\$863,584,399	\$340,222,405	-\$180,148,558	-\$11,930,722	\$329,560,593	55.32%	17.15%
2016	\$896,515,342	\$244,380,572	-\$111,293,296	-\$13,780,846	\$307,518,478	47.61%	13.31%
2017	\$773,840,418	\$205,221,726	-\$114,360,345	\$12,699,412	\$219,672,871	41.77%	13.38%
2018	\$727,191,921	\$152,482,969	-\$82,694,225	-\$11,415,752	\$176,864,635	32.35%	8.03%
2019	\$614,359,642	\$106,123,350	-\$96,080,866	-\$9,101,339	\$177,459,733	29.04%	0.15%
2020	\$510,306,796	\$51,739,869	\$138,576,346	-\$1,235,128	\$144,800,095	65.43%	37.05%
TOTAL	\$15,996,468,055	\$8,477,878,173	\$220,879,381	-\$22,195,559	\$2,849,361,604	72.05%	54.24%

UNITED GUARANTY RESIDENTIAL INSURANCE COMPANY  
Loss Ratio of Missouri Residential Experience 1991-2020



UNITED GUARANTY RESIDENTIAL INSURANCE COMPANY  
 Loss Ratio of Countrywide Residential Experience 1991-2020





**SECTION III**

**PREMIUM RANKING**

**2020**



## Mortgage Guaranty Insurers Writing Residential Mortgage Insurance Ranked By Premium Earned in Missouri: 2020

COMPANY NAME	MISSOURI PREMIUM EARNED	MISSOURI LOSSES PAID	COUNTRYWIDE PREMIUM EARNED	COUNTRYWIDE LOSSES PAID
Mortgage Guaranty Insurance Corporation	\$22,440,075	\$1,291,389	\$1,175,242,771	\$99,904,924
Genworth Mortgage Insurance Corporation	\$18,056,453	\$966,076	\$1,019,580,418	\$52,985,482
Radian Guaranty Inc	\$16,850,341	\$1,041,944	\$1,242,857,218	\$95,110,802
Arch Mortgage Insurance Company	\$15,764,979	\$286,356	\$839,517,151	\$13,372,681
Essent Guaranty Inc	\$14,922,317	\$224,160	\$905,112,659	\$14,366,701
United Guaranty Residential Insurance Company	\$10,768,729	\$1,062,459	\$510,306,796	\$51,739,869
National Mortgage Insurance Corporation	\$7,738,544	\$59,339	\$472,997,283	\$6,320,472
Mgic Indemnity Corporation	\$105,977	\$0	\$3,963,850	\$218,179
Genworth Mortgage Insurance Corp of North Carolina	\$90,339	\$0	\$541,852	\$0
Arch Mortgage Guaranty Company	\$51,373	\$0	\$2,916,182	\$20,815
Pmi Insurance Co	\$0	\$0	\$903,224	\$1,689,957
Arch Mortgage Assurance Company	\$0	\$0	\$12,759	\$2,500
<b>TOTAL</b>	<b>\$106,789,127</b>	<b>\$4,931,723</b>	<b>\$6,173,952,163</b>	<b>\$335,732,382</b>

# Residential Mortgage Guaranty Business In Missouri

## Summary By Company For Years 1991-2020

COMPANY NAME	PREMIUM EARNED	LOSSES PAID	OUTSTANDING CLAIM RESERVE	IBNR RESERVE	CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
Mortgage Guaranty Insurance Corporation	\$521,947,042	\$319,270,095	\$8,256,830	\$625,627	-\$12,415,729	60.49%	62.87%
United Guaranty Residential Insurance C	\$370,573,292	\$149,117,984	\$3,550,795	\$200,259	\$61,509,979	57.85%	41.25%
Genworth Mortgage Insurance Corporation	\$355,840,611	\$157,101,202	-\$2,612,778	\$782,674	-\$25,485,527	36.47%	43.64%
Radian Guaranty Inc	\$261,484,937	\$184,714,300	\$14,119,466	\$9,332,382	\$12,525,803	84.40%	79.61%
PMI Mortgage Insurance Company	\$181,187,152	\$86,293,657	\$66,761,002	\$9,360,963	\$330,030,523	271.79%	89.64%
Republic Mortgage Insurance Company	\$177,960,125	\$79,730,110	\$17,506,527	\$130,633	\$40,236,331	77.32%	54.71%
Investors Mortgage Insurance Company	\$75,200,523	\$12,731,274	\$4,990,948	\$435,908	\$33,745,960	69.02%	24.15%
Escent Guaranty Inc	\$68,979,987	\$925,972	\$3,064,695	\$0	\$34,483,538	55.78%	5.79%
National Mortgage Insurance Corporation	\$25,120,597	\$321,106	\$772,621	\$57,948	\$12,279,931	53.47%	4.58%
Triad Guaranty Insurance Corporation	\$10,288,540	\$3,252,455	\$133,505	\$197,114	\$4,232,194	75.96%	34.83%
Verex assurance Incorporated	\$9,279,654	\$2,378,314	-\$561,819	-\$1,668	\$2,478,671	46.27%	19.56%
Amerin Guaranty Corporation	\$8,680,304	\$817,768	-\$9,628	-\$5,748	\$582,924	15.96%	9.24%
United Guaranty Mortgage Indemnity Comp	\$4,851,820	\$1,154,112	\$146,769	\$47,812	\$134,205	30.56%	27.80%
United Guaranty Residential Ins Co of NC	\$3,064,330	\$407,532	-\$407,110	-\$24,437	\$1,656,143	53.26%	-0.78%
Genworth Residential Mortgage Insurance	\$2,794,634	\$2,480,935	\$685,342	-\$572,738	\$381,477	106.45%	92.80%
MGIC Indemnity Corporation	\$2,707,251	\$90,820	\$12,408	-\$80,515	\$5,638	1.05%	0.84%
Republic Mortgage Ins Co of North Carolina	\$374,728	\$10,242	\$14,950	\$214	\$82,820	28.88%	6.78%
PMI Mortgage Assurance Company	\$279,945	\$36,992	\$2,351	\$54,919	\$5,572	35.66%	33.67%
Genworth Mortgage Insurance Corporation	\$255,433	\$60,627	-\$87,060	\$4,896	-\$218,603	-94.01%	-8.43%
Genworth Home Equity Ins Corporation	\$239,494	\$0	\$0	\$0	\$259,949	108.54%	0.00%
MGIC Assurance Corporation	\$103,393	\$0	\$0	\$0	\$48,331	46.74%	0.00%
Investors Equity Insurance Company	\$6,870	\$0	\$0	\$1,266	\$3,883	74.95%	18.43%
PMI Insurance Company	\$861	\$0	\$0	\$0	-\$3,696	-429.27%	0.00%
American Safety Casualty Insurance Company	\$47	\$9,700	-\$289	\$173	-\$80	20221.28%	20391.49%
Residential Guaranty Company	\$0	\$0	\$0	\$0	\$0	N/A	N/A
National Union Fire Insurance Co of PA	-\$108	\$0	\$0	\$0	\$0	0.00%	0.00%
TOTAL	\$2,081,221,462	\$1,000,905,197	\$116,339,525	\$20,547,682	\$496,560,237	78.53%	54.67%



# Residential Mortgage Guaranty Business Countrywide

## Summary By Company For Years 1991-2020

COMPANY NAME	PREMIUM EARNED	LOSSES PAID	OUTSTANDING CLAIM RESERVE	IBNR RESERVE	CONTINGENCY RESERVE	LOADED LOSS RATIO	TRUE LOSS RATIO
Mortgage Guaranty Insurance Corporation	\$29,891,383,804	\$20,915,100,247	\$699,671,648	\$69,640,000	\$3,148,441,126	83.08%	72.54%
Radian Guaranty Inc	\$19,575,436,163	\$12,500,438,988	\$1,067,734,553	\$769,584,611	\$3,374,045,747	90.48%	73.24%
Genworth Mortgage Insurance Corporation	\$18,843,632,658	\$11,023,709,814	\$238,579,541	-\$12,142,711	-\$1,788,878,006	50.21%	59.70%
United Guaranty Residential Insurance C	\$15,996,468,055	\$8,477,878,173	\$220,879,381	-\$22,195,559	\$2,849,361,604	72.05%	54.24%
PMI Mortgage Insurance Company	\$11,469,814,384	\$6,554,740,531	\$5,968,536,949	\$650,118,506	\$20,537,838,709	293.91%	114.85%
Republic Mortgage Insurance Company	\$8,300,095,695	\$5,373,563,399	\$1,581,570,786	\$43,207,852	\$976,462,860	96.08%	84.32%
Essent Guaranty Inc	\$3,960,412,671	\$53,009,180	\$343,289,631	\$25,747,000	\$1,829,894,415	56.86%	10.66%
Investors Mortgage Insurance Company	\$3,821,130,345	\$802,747,825	\$342,515,262	\$24,695,776	\$2,450,951,510	94.76%	30.62%
Triad Guaranty Insurance Corporation	\$2,587,029,766	\$2,183,430,574	\$543,613,589	\$28,257,680	\$1,002,301,622	145.25%	106.50%
National Mortgage Insurance Corporation	\$1,530,432,742	\$16,051,819	\$83,023,572	\$6,221,896	\$758,205,785	56.42%	6.88%
United Guaranty Mortgage Indemnity Comp	\$1,032,933,099	\$932,663,047	\$60,169,289	\$1,054,024	\$34,840,045	99.59%	96.22%
Amerin Guaranty Corporation	\$726,504,620	\$107,763,428	-\$982,747	\$1,017,252	-\$426,554	14.78%	14.84%
United Guaranty Residential Insurance Co of NC	\$589,922,378	\$238,329,744	\$69,776,085	\$57,546,606	\$159,987,615	89.10%	61.98%
Genworth Residential Mortgage Insurance	\$549,838,405	\$568,163,804	\$116,740,884	\$3,509,237	-\$60,326,403	114.23%	125.20%
Verex Assurance Inc	\$283,857,738	\$342,777,956	-\$83,560,299	-\$1,360,145	\$23,370,869	99.07%	90.84%
MGIC Indemnity Corporation	\$76,722,023	\$5,315,839	-\$1,860,313	-\$9,807,485	\$34,500,852	36.69%	-8.28%
Genworth Mortgage Insurance Corporation	\$69,997,951	\$29,857,189	\$2,741,079	\$316,677	-\$167,996,434	-192.98%	47.02%
Residential Guaranty Company	\$44,826,144	\$39,363,653	\$6,920,719	-\$2,274,814	\$306,330,813	781.55%	98.18%
Republic Mortgage Insurance Company of NC	\$17,718,104	\$6,815,012	\$7,776,278	\$106,000	\$13,093,767	156.85%	82.95%
MGIC Assurance Corporation	\$13,064,586	\$3,203,192	\$2,055,221	\$200,000	\$5,475,764	83.69%	41.78%
PMI Mortgage Assurance Company	\$12,510,127	\$326,000	\$629,395	\$55,832	\$2,440,133	27.59%	8.08%
Investors Equity Insurance Company	\$4,394,017	\$3,768,213	\$8,403	\$950,000	\$2,030,645	153.78%	107.57%
PMI Insurance Company	\$349,376	\$305,803	-\$262,000	-\$114,000	\$40,416,287	11548.04%	-20.09%
Genworth Home Equity Insurance Corporation	\$239,494	\$0	\$0	\$0	\$259,949	108.54%	0.00%
American Safety Casualty Insurance Company	\$23,514	\$101,875	-\$144,419	\$86,481	-\$40,014	16.68%	186.85%
TOTAL	\$119,398,737,859	\$70,179,425,305	\$11,269,422,487	\$1,634,420,716	\$35,532,582,706	99.34%	69.58%



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